

National Aeronautics and Space Administration



**NASA.FY15**

# **SMALL BUSINESS INDUSTRY AWARDS**

Office of  
**Small Business Programs** (OSBP)  
where small business makes a **big** difference







WHERE  
**SMALL  
BUSINESS**  
MAKES A  
**BIG**  
DIFFERENCE

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# VISION STATEMENT

The vision of the Office of Small Business Programs (OSBP) at NASA Headquarters is to promote and integrate all small businesses into the competitive base of contractors that pioneers the future in space exploration, scientific discovery, and aeronautics research.

# MISSION STATEMENT

Our mission in the Office of Small Business Programs is to:

- advise the Administrator on all matters related to NASA small business programs; promote the development and management of NASA programs that assist all categories of small business;
- develop small businesses in high-tech areas that include technology transfer and commercialization of technology; and
- provide small businesses maximum practicable opportunities to participate in NASA prime contracts and subcontracts.

## Message from the National Aeronautics and Space Administration Administrator



In fiscal year (FY) 2015, small businesses received \$91.7 billion and supported 550,000 jobs in our Nation, proving that they are the heart and soul of the American economy. At NASA, we made new discoveries about Mars that will help advance human missions there. We learned more about our home planet and our changing climate as newer Earth science missions began to return their data. The Orion spacecraft and the Space Launch System rocket that will carry us to deep space once again continued to reach new milestones. In cooperation with our industry partners—Boeing and SpaceX—we moved closer to the commercial launch of astronauts from American soil.

Small businesses have played an integral role in all of these accomplishments. The Agency consistently proves its commitment to small businesses, which create two out of three net new jobs and employ more than half of the American workforce; we know good jobs are the foundation upon which successful re-entry outcomes are built. As technology continues to drive exploration in air and space, we continue to make advances toward a future in which we make air travel safer, cleaner, and more efficient, with our small business partners by our side.

In recognition of their contributions to helping the Agency achieve its mission, NASA is pleased to showcase the FY 2015 NASA Small Business Industry Awards (SBIA) publication, which features both current and past award winners. Under the leadership of the NASA Office of Small Business Programs' Associate Administrator, Glenn A. Delgado, more than 120 companies have received these prestigious awards as either a Small Business Prime Contractor of the Year, a Small Business Subcontractor of the Year, or a Large Business Prime Contractor of the Year.

Let us continue to leverage the technology of our dedicated and mission-focused small businesses to meet our various needs. Whether it is a small business providing high-fidelity flight simulations, safety and mission assurance, or mission critical data collection and analysis, our 2015 award winners have raised that bar higher than ever!

It's my privilege to be associated with our Agency's finest.

A handwritten signature in black ink, appearing to read "C. Bolden, Jr.", with a stylized flourish at the end.

**Charles F. Bolden, Jr.**

Administrator  
NASA





## Message from the Office of Small Business Programs Associate Administrator



### NASA OFFICE OF SMALL BUSINESS PROGRAMS ADDRESSES INDUSTRY SUCCESS

Congratulations are in order for the fiscal year (FY) 2015 NASA Small Business Industry Award (SBIA) winners for achieving their mission at the National Aeronautics and Space Administration (NASA) by supporting the Small Business Program. This awards program was established to highlight the unwavering work that specific Small Business Prime Contractors, Small Business Subcontractors, Large Business Prime Contractors, and participants in the Agency's Mentor-Protégé Program have achieved at the Center and Agency levels. Enclosed you will find the honorees of the NASA SBIA from

FY 2008 to the present fiscal year.

The NASA Office of Small Business Programs holds true to its slogan, "Where Small Business Makes a Big Difference." High-tech small businesses are on the forefront of missions that some may have thought were impossible decades ago. These missions are becoming possible because of the brainpower behind new and cutting-edge technology these small businesses provide us. The small businesses that are highlighted in this publication are ultimately the reason why humans will be able to travel to the Red Planet—Mars—in the very near future.

The small businesses that make up this publication are only a small percentage of the numerous high-tech firms that enable NASA to overachieve at such difficult missions. For that, I always continue to find myself humbled and thankful for the hard- work done by these companies. I also want to thank these companies for exceeding expectations by making NASA's Small Business Program a big success every year. In addition, I would like to thank the other small businesses that support NASA by acting as the generators that allow us to operate in various capacities on a daily basis. I would be remiss if I did not also thank the Agency's senior leadership for program support, as well as the Center Small Business Specialists, Procurement Officers, Technical Advisors, and other personnel. Again, congratulations to this year's honorees! This is a huge milestone for your company, and we thank you for your continued support of the NASA Small Business Program.

A handwritten signature in black ink that reads "Glenn A. Delgado". The signature is fluid and cursive.

**Glenn A. Delgado**

Associate Administrator

NASA Office of Small Business Programs



# ABOUT THE NASA SMALL BUSINESS INDUSTRY AWARDS (SBIA) PROGRAM

The Small Business Industry Awards (SBIA) recognize the outstanding Small Business Prime Contractors, Small Business Subcontractors, Large Business Prime Contractors, and Mentor-Protégé Agreements that support NASA in achieving its mission. The SBIA program was implemented in FY 2008 under the leadership of Glenn A. Delgado, NASA Office of Small Business Programs Associate Administrator. The newest category, Mentor-Protégé Agreement of the Year, was added in FY 2015.

**Small Business Industry Awards (SBIA) are presented at the Center and Agency levels in four categories:**

1. Small Business Prime Contractor of the Year
2. Small Business Subcontractor of the Year
3. Large Business Prime Contractor of the Year
4. Mentor-Protégé Agreement of the Year

**THE SELECTION CRITERIA FOR EACH OF THESE CATEGORIES ARE AS FOLLOWS:**

## **Small Business Prime Contractor of the Year**

1. Performs well on every NASA contract at nominating Center during the Small Business Industry Awards cycle review period (e.g., is on schedule and within cost). Include a description of the scope of the contract.
2. Exhibits responsiveness to contractual requirements, works cooperatively with contracting officials and program personnel, and limits subcontracting to large businesses.
3. Provides innovative solutions to problems and issues that arise in the execution of the contract.

## **Small Business Subcontractor of the Year**

1. Performs well as subcontractor on NASA contracts at nominating Center during Small Business Industry Awards cycle review period. Include scope for both the prime contract and subcontract.
2. Provides value-added and outstanding support—on schedule and within cost—to the prime contractor and innovative solutions to problems and issues that arise in the execution of the contract.
3. Works cooperatively with NASA and prime contractor personnel.



## Large Business Prime Contractor of the Year

1. Performs well on all NASA contracts at nominating Center during Small Business Industry Awards cycle review period. Include a description of the scope of the contract.
2. Overall program demonstrates sound small business practices, sponsors or participates in outreach activities, and uses small business contractors to perform technical (high-tech) requirements of the contract during contract execution.
3. Compliance with all subcontracting plans at nominating Center.

## Mentor-Protégé Agreement of the Year

### FACTOR A: PROTÉGÉ GROWTH

1. Employee growth evidenced.
2. Protégé prime contract growth evidenced.
3. Protégé subcontract growth evidenced.

### FACTOR B: PROTÉGÉ DEVELOPMENT

1. Completion of technical/business infrastructure tasks.
2. Achievement of technical certifications (i.e., ISO, CMMI, etc.).
3. Business infrastructure enhancements validated.
4. Utilization of technology training outside of the M-P Agreement.

### FACTOR C: VALUE OF TECHNICAL AND BUSINESS DEVELOPMENT SUPPORTING NASA'S MISSION

1. Value-added (new technology) support evidenced.
2. Value-added (business infrastructure) support evidenced. (Credit agreements only)
3. Interoperability with other Federal or commercial programs.
4. Knowledge transfer contributions to long-term sustainable support.
5. In-house efficiencies realized from developmental assistance provided.

### FACTOR D: PROGRAM MANAGEMENT

1. Demonstrated management commitment.
2. Met milestone schedules.
3. Performed within costs (i.e., no overruns). (Reimbursable agreements only)
4. New business teaming/subcontract relationships evidenced.
5. Submitted timely and accurate reports.

### FACTOR E: UTILIZATION OF HBCU/MSI AND SBDC

1. Commitment evidenced.
2. Value-added services provided.
3. Level of support is primary to completing milestones.

# Small Business Success at NASA

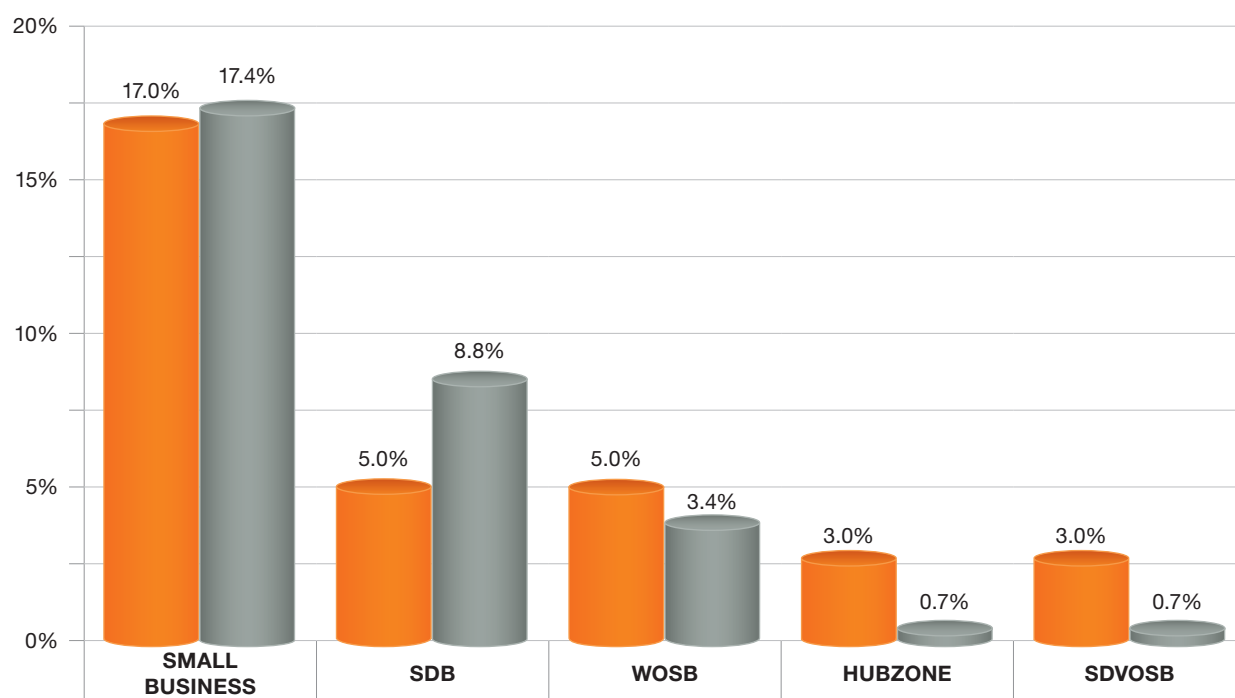
## Fiscal Year 2015 Agency Metrics

### NASA AGENCY FY 2015 PRIME GOALS VS. ACTUAL PERCENTAGES

Data generated November 20, 2015, from the Federal Procurement Data System–Next Generation (FPDS-NG)

	CATEGORY	DOLLARS
	Total Dollars	\$14,414,304,176
	Small Business	\$2,505,158,618
	Small Disadvantaged Businesses (SDB)	\$1,262,133,584
	Woman-Owned Small Businesses (WOSB)	\$493,206,056
	Historically Underutilized Business Zones (HUBZone)	\$96,978,941
	Service-Disabled Veteran–Owned Small Businesses (SDVOSB)	\$102,953,179

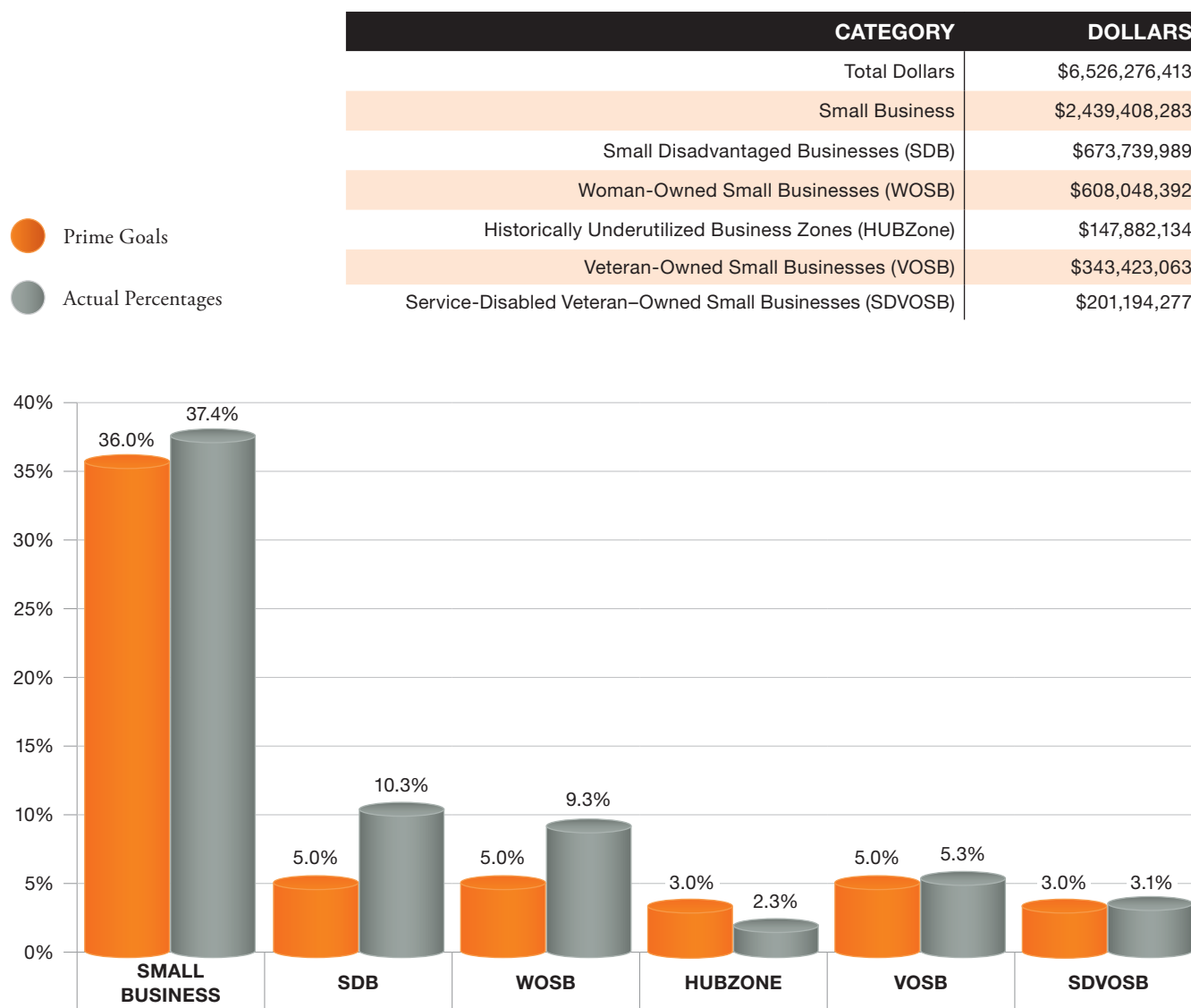
- Prime Goals
- Actual Percentages



# Fiscal Year 2015 Agency Subcontracting Metrics

## NASA AGENCY FY 2015 SUBCONTRACTING GOALS VS. ACTUAL PERCENTAGES

Data generated January 29, 2016, from the Electronic Subcontracting Reporting System (eSRS)











# **FY 2015** **AGENCY-LEVEL WINNERS**

**SMALL BUSINESS PRIME CONTRACTOR OF THE YEAR**

**SMALL BUSINESS SUBCONTRACTOR OF THE YEAR**

**LARGE BUSINESS PRIME CONTRACTOR OF THE YEAR**

**MENTOR-PROTÉGÉ AGREEMENT OF THE YEAR**



# Dynetics Technical Services, Inc.

Marshall Space Flight Center

**SMALL BUSINESS PRIME CONTRACTOR OF THE YEAR**





**Describe your company.**

Employee-owned and headquartered in Huntsville, AL, Dynetics Technical Services, Inc. (DTS) has delivered high-quality, high-value engineering, scientific, and information technology (IT) solutions to customers since 1974. Dynetics is a mid-tier business with small-business flexibility and agility and large-business capabilities in the space, national security, automotive, critical infrastructure, and cyber sectors.

DTS is a wholly owned subsidiary of Dynetics and maintains a broad range of enterprise IT capabilities including cybersecurity; software applications and Web services; information management; business process reengineering; telecommunications; audio-visual information systems; and user support for NASA systems, many of which are critically important for assuring mission success.

**Describe what service or support you provide to NASA.**

DTS serves as the prime contractor for NASA on the Marshall Space Flight Center (MSFC) Information Technology Services (MITS) contract. For the \$394 million MITS contract, DTS functions as an enterprise IT partner in support of more than 6,500 users at three primary sites: MSFC at Redstone Arsenal; the National Space Science and Technology Center (NSSTC) in Huntsville; and the Michoud Assembly Facility in New Orleans, LA.

In FY 2015, DTS successfully partnered with the MSFC Office of the Chief Information Officer (OCIO) to deliver innovative, highly cost-effective solutions supporting several Agency and MSFC key initiatives such as application portfolio management, cloud computing, Internet protocol-based streaming, and integrated vulnerability resolution. These projects helped NASA save \$2 million.

**Describe why your company won this award.**

DTS successfully partnered with the MSFC OCIO to transform the NASA culture from an insular stovepipe or silo management system to a highly efficient and collaborative enterprise-services model. We assured responsiveness to contractual requirements and worked cooperatively with MSFC and Agency contracting officials and program personnel while increasing funding from external sources and enhancing small business opportunities.

DTS brought several innovative IT solutions, including agile model-driven software development, integrated service management, and advanced cyberdata correlation techniques. Our Dynetics leadership culture has also resulted in increased performance by partnering with NASA missions and instantiating agile processes that incorporate appropriate rigor to reduce cost while improving quality.

**Describe your company's support of small business.**

As a small business contract, the MITS contract has no subcontracting requirements; however, DTS continues to develop strong partnerships with small businesses. During FY 2015, DTS procured more than \$5.1 million from small businesses, 63 of which were Small Disadvantaged Businesses and 22 of which were Woman-Owned Small Businesses. DTS has awarded \$45 million to small business subcontractors, including a Service-Disabled Veteran-Owned Small Business, a Woman-Owned Small Business, and a HUBZone Small Business.

DTS promotes several small businesses and industry forums in the Huntsville business community. We informally mentor several small businesses. We also serve on the MSFC Prime Contractors Supplier Council, which creates a channel through which small businesses can more effectively penetrate the Federal Government marketplace.

**Describe your company's future.**

DTS's mission is to deliver superior quality and high-technology products and services ethically, responsively, and cost-effectively. Our plan is to expand our offerings to include engineering and technical solutions in addition to our award-winning IT and cyber solutions. Working collaboratively with our parent company, Dynetics, we will accomplish these goals by retaining our focus on quality assurance (e.g., ISO 9001:2008), process maturity (e.g., CMMI DEV Maturity Level III), and technology leadership, while expanding relationships with Federal Government and commercial customers as an innovative, value-added supplier of products and services. We will also continue to attract and retain top experts in cyber, engineering, and scientific disciplines to compete on a global scale.

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# Arcata Associates, Inc.

Armstrong Flight Research Center

**SMALL BUSINESS SUBCONTRACTOR OF THE YEAR**



**Describe your company.**

Arcata Associates, Inc. is an award-winning technical services company providing mission critical solutions to NASA and the Department of Defense (DOD). The company began working for NASA in 1979 as the Installation Support Services contractor for Kennedy Space Center, where they assisted in the launch of satellites into polar orbit at Vandenberg AFB. Since that time, Arcata has provided a wide range of support to NASA, from IT infrastructure support of NASA Centers and program support of the James Webb Space Telescope, to working with the astronauts on the International Space Station and testing next generation aircraft and space vehicles. Arcata has twice been named NASA's Agency-level Small Business Prime Contractor of the Year (2011 and 2008).

**Describe what service or support you provide to NASA.**

Arcata's broad technical capabilities enable the company to support every facet of NASA's mission. Science capabilities support NASA's research to improve hurricane forecasts. Technological capabilities assist NASA's efforts to integrate Unmanned Aircraft Systems (UASs) into the National Air Space. Aeronautics capabilities help NASA engineers record the intensity of shock waves caused by supersonic aircraft. Space Exploration capabilities assist in the Design Development, Test, and Evaluation (DDT&E) of NASA's next space vehicle, Orion, which will take humans beyond low-Earth orbit to Mars. Educational capabilities provide speakers and multimedia materials for NASA events and outreach activities. Innovation capabilities contribute to the Range Commander's Council to ensure that technical innovations are incorporated into the planning of future systems. Economic capabilities support NASA OSBP outreach at regional forums.

**Describe why your company won this award.**

As a prime contractor at AFRC, the company received 24 consecutive award fee scores of "excellent" and numerous Agency and Center awards for its outstanding support. Arcata was recognized for its corporate engagement, accomplished program management team, capable workforce, responsive customer support, and innovative problem solving. As a subcontractor to Inuteq, Arcata brings these best practices and management approaches to the program. In a recent PEB, NASA highlighted Arcata's resolution of a software interface problem that required a "proactive approach to troubleshooting and immense expertise." Their assistance enabled the release of a software update without impacting the customer schedule. NASA also noted Arcata's "excellent library of procedures and checklists," which led to 100 percent mission success.

**Describe your company's support of small business.**

Over the years, Arcata has supported several small business initiatives. Arcata assisted NASA in holding its first ever regional small business forum in Nevada. Representatives from NASA Headquarters, Marshall Space Flight Center, and NASA Shared Services Center and industry prime contractors including Teledyne Brown Engineering (TBE) and AECOM, among others, discussed how to do business with NASA. Arcata introduced TBE to the University of Nevada, Las Vegas, which led to NASA's first Mentor-Protégé Agreement with a Minority Serving Institution. When Congresswoman Dina Titus held her Nevada Aviation Symposium, Arcata reached out to Armstrong Flight Research Center to ensure that NASA could discuss its mission with an audience of large and small businesses and local, state, and Federal Government officials.

**Describe your company's future.**

For over a quarter of a century, Arcata has been honored to be a NASA contractor. Our history spans the launch of the Cosmic Background Explorer, development of the Mars Sojourner, and Return to Flight of the Space Shuttle to the testing of the Blended Wing Body, development of the James Webb Space Telescope, and the Orion Program. We are proud of our past role in pursuing NASA's vision: "To reach for new heights and reveal the unknown so that what we do and learn will benefit all mankind," and we look forward to continuing our support of NASA in the future.

Tim Wong, President and CEO

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# Teledyne Brown Engineering, Inc.

Marshall Space Flight Center

**LARGE BUSINESS PRIME CONTRACTOR OF THE YEAR**



**Describe your company.**

Teledyne Brown Engineering, Inc. (TBE) is an industry leader in engineered systems and advanced manufacturing, with operations in the United States and the United Kingdom. Our commitment to excellence, the highest standards of quality, and unsurpassed customer satisfaction make Teledyne Brown a name synonymous with success. We support the entire life cycle, from full-spectrum systems engineering, integration, and manufacturing to sustainment and recapitalization. We can take your concept and bring it to life. That's why we say, "If you can think it, we can build it". We provide high-quality technical services, manufactured products, and engineered systems to our customers in the marine, aviation, space, missile defense, energy, and environment markets. Learn more about TBE at <http://www.tbe.com>.

**Describe what service or support you provide to NASA.**

TBE offers unsurpassed expertise in the entire payload operations and integration process. The company proudly supported NASA's International Space Station (ISS) Program Office with integration and operations product development for over 250 payload developers in 2015. In FY 2015, TBE provided well over 8,600 continuous hours of real-time science operations support to ISS, including planning and training for multiple flight controllers and astronauts. In 2015, we also made significant contributions to the Revolutionize ISS for Science and Exploration (RISE) efforts by helping to streamline processes for research utilization aboard ISS. TBE also provided technical expertise for the hardware/software product during all phases of development for the Microgravity Science Glovebox and Research Rack.

**Describe why your company won this award.**

TBE is a recognized ISS implementation partner, providing a wide range of products and services and demonstrated experience with space-based support. We were selected to build space hardware due to our shortened commercialized template approach. As an implementation partner, we have utilized several Mentor-Protégé Agreements to provide necessary growth to the MSFC contractor base while developing our future workforce. TBE is adapting current COTS Biotechnology hardware/software for use in the ISS and future manned environments using the ISS as a test bed. Since NASA's Payload Operations Integration Center became operational in February 2001, we have provided well over 100,000 continuous hours of real-time science operations support to the ISS community.

**Describe your company's support of small business.**

TBE is strongly committed to including small businesses in our Mission Operations and Integration (MO&I) Program. Our program provides small businesses the opportunity to join us as we help them to expand their experience and roles in support of MSFC and NASA Office of Small Business Program goals and objectives. TBE completed the first NASA Mentor-Protégé Agreement (MPA) with Martin Federal, a Service-Disabled Veteran-Owned Small Business, and recently entered into a NASA MPA with Alabama State University (ASU) and the University of Nevada, Las Vegas (UNLV). The MPA with UNLV is the first agreement between NASA and a Minority-Serving Institution. The TBE Small Business Liaison supports the Marshall Prime Contractor Supplier Council, Industry Forums, and Small Business Outreach.

**Describe your company's future.**

TBE has supported essentially every major U.S. space initiative, beginning with Jupiter and extending through the Space Shuttle, ISS, and Constellation programs. We are the primary contractor supporting NASA's critical payload operations integration function as well as ongoing microgravity research and development efforts. Today, we're expanding the commercial side of our space business with the Multi-User System for Earth Sensing (MUSES), an Earth-observation platform that will be installed on the exterior of the ISS and simultaneously support up to four remote sensing instruments or other payloads. We will continue to foster strategic relationships with small businesses to promote opportunities and growth that support the NASA mission.

Jan Hess, President, Teledyne Brown Engineering, Inc.  
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# Hamilton Sundstrand Space Systems International

(Mentor)

Johnson Space Center

**MENTOR-PROTÉGÉ AGREEMENT OF THE YEAR**







# Hamilton Sundstrand

A United Technologies Company

## **Describe your company.**

Hamilton Sundstrand Space Systems International (HSSSI) has a deep-rooted commitment to aerospace, which has positioned it as a leader in human space flight for more than 50 years. From the Gemini and Apollo programs through every crewed NASA space program since, HSSSI has produced safe, human-rated, life support hardware and systems. HSSSI technologies have been used to overcome daunting technical challenges ranging from landing people on the Moon to establishing a permanently inhabited facility, the International Space Station (ISS) in low-Earth orbit (LEO). With three major facilities dedicated to advancing space systems technologies, HSSSI is among NASA's most-trusted suppliers of technologically advanced aerospace products and operational support services for the ISS.

## **Describe what service or support you provide to NASA.**

HSSSI is the prime contractor for the Extravehicular Activity (EVA) support for Johnson Space Center (JSC). As part of this support in FY 2015, HSSSI provided EVA capability and readiness to ensure the ISS continues its safe operations. HSSSI also provides life support equipment for the day-to-day operation of the ISS. This life support equipment creates water, generates oxygen, monitors constituents, removes carbon dioxide, and ensures continued human presence in space. HSSSI technologies are also being utilized on the Orion multipurpose crew vehicle and to create commercial crew capability on space exploration vehicles including Boeing's CST-100 Starliner vehicle.

## **Describe why your company won this award.**

HSSSI has an extensive history of developing advanced life support technologies that further human space exploration. Whether it is for a Government, military, or commercial customer, HSSSI is an industry leader in the delivery of various human life support systems including: atmosphere revitalization, air and water monitoring, water processing, metabolic waste management, and fire detection and suppression. Developing and furthering emerging technologies has always been and will continue to be a cornerstone for HSSSI.

## **Describe your company's support of small business.**

As a prime subcontractor providing EVA support to JSC for the ISS, HSSSI has held a Mentor-Protégé Agreement (MPA) since March 2013. This MPA has helped the protégé grow 10 percent over the past 2.5 years. Under this prime contract, HSSSI has also achieved a small business value of 23.7 percent, far exceeding the contractually defined goal of 17 percent. HSSSI personnel are also contributing members of the NASA/JSC Prime Contractor's Round Table Meetings and participate in Small Business Administration Quarterly Meetings.

## **Describe your company's future.**

HSSSI will continue to provide world-class hardware and systems and EVA-sustaining support while ensuring that product development aligns with NASA growth and exploration strategies. These systems will continue to support safe operations on the ISS and on commercial cargo and crew missions and provide advanced EVA and life support capabilities for exploration beyond LEO.

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# MRI Technologies

(Protégé)

Johnson Space Center

## MENTOR-PROTÉGÉ AGREEMENT OF THE YEAR





#### **Describe your company.**

MRI Technologies is a Woman-Owned Small Business operating since 1988. The company's heritage is in information systems, engineering, flight planning and integration, and project management. The company has more than 110 employees and a skills mix that includes people with Ph.Ds, masters degrees, B.S. and B.A. degrees, and technicians. MRI Technologies has permanent presences in Texas and Colorado, as well as flexible support in Alabama, California, Connecticut, Florida, Indiana, Louisiana, Maryland, Mississippi, Utah, and Virginia. We have built an award-winning reputation based upon our dependable and flexible services.

Our core competencies are engineering, analysis, test, and evaluation; flight hardware management, logistics, and integration; property management; flight/increment management; information technology; and configuration and data management.

#### **Describe what service or support you provide to NASA.**

MRI Technologies provides support and services in several areas.

- **Engineering, Analysis, Test and Evaluation:** We provide testing, validation, and verification for complex hardware and software systems and subsystems. We provide structural, electrical, and electrical, electronic and electromechanical (EEE) parts analysis.
- **Flight Hardware Management, Logistics, and Integration:** We provide engineering for flight hardware integration and logistics for the Space Station and Orion programs. We also support the planning and integration of approximately 150 EVA tools.
- **Property Management:** We provide oversight as Property Manager for the fourth-largest property account at JSC. We are responsible for 87,000 line items of hardware and material valued at \$440 million in multiple locations and on orbit.
- **Information Technology and Security:** We provide systems design and administration, capacity planning, security, and development and sustaining operations.

#### **Describe why your company won this award.**

Through the Mentor-Protégé Program (MPP), Hamilton Sundstrand assisted MRI in substantially increasing our business and technical capabilities. As a result of the MPP agreement, we have become a capable company with the ability to provide increased value to our NASA, Department of Defense, and commercial customers. We integrated and streamlined our contracts, subcontracts, and finance systems—thus improving our processes and reducing our costs. We also implemented an AS9100 and ISO-compliant quality control system, which improved the way we do business, and we expect to have the certification by spring 2016. We improved our marketing plan and company Web site to increase marketability. MRI has an Export Compliance Program and extensive knowledge and awareness of Government regulations and restrictions.

#### **Describe your company's support of small business.**

MRI believes in building and supporting small business. MRI has subcontracted work to small businesses since 1996 and has placed contracts with small businesses on several of our prime contracts and subcontracts. MRI teamed with small businesses on several bids to NASA and the U.S. Navy in 2014 and 2015. MRI's President actively supports and participates in JSC's Small Business Council, and she is also on industry and Government advisory committees across JSC. She encourages MRI personnel to engage in outreach activities. As a result, MRI personnel are members of joint NASA and industry award committees such as "Power of One" and boards (e.g., Rotary National Award for Space Achievement (RNASA) Foundation). MRI is engaged with the Small Business Administration and recently completed the "Emerging Leaders" training program.

#### **Describe your company's future.**

MRI's future plans point to diversification. MRI will continue to be a top aerospace and Government contractor and will grow its commercial engineering and software services. MRI recently completed a turnkey software application for the power monitoring industry and is designing applications in the medical and aerospace industries with rollout in 2016. MRI recently signed strategic agreements with Silicon Valley software companies to share technologies in database and search technologies. There are many opportunities with both Government and commercial entities, and MRI is positioned to capitalize on them. Continued investment in our team and hiring of talented individuals have provided MRI with 27 years of continuous business. We believe it will provide many more years.

Deborah Kropp, President and CEO  
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FY 2015 CENTER/FEDERALLY FUNDED RESEARCH AND  
DEVELOPMENT CENTER (FFRDC)-LEVEL WINNERS

# SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR



# Monterey Technologies, Inc.

## Ames Research Center



### **Describe your company.**

Monterey Technologies, Inc. (MTI) is a 31-year-old Veteran-Owned Small Business (VOSB). MTI's business expertise is in Human Factors Engineering (HFE) and Human Systems Integration (HSI). This work is focused on better understanding users, defining their needs, and developing product-user interfaces for technology and business processes that will make users more efficient and effective. MTI believes that people should be driving technology, rather than technology driving people. MTI works for Federal Government agencies, large prime contractors, pharmaceutical companies, and medical device manufacturers to help them build products that do what their users need and are intuitive and easy to use.

### **Describe what service or support you provide to NASA.**

MTI furthers the NASA Ames aeronautics mission as a Small Business Prime Contractor with two multiyear indefinite delivery/indefinite quantity (IDIQ) research and development task order contracts. The first, Rotorcraft Engineering, Modeling, and Simulation (REMS), is a small business set-aside. The second, Rotary Wing Technology Development (RWTD), is full and open, with multiple awards. MTI has processed over 100 task orders under these contracts, significantly more than other firms. MTI receives tasks and issues subcontracts to execute the required work. MTI closely manages the process to ensure that tasks are completed on time, the work is high quality, and the NASA customer is happy. MTI's effective management allows NASA Ames to get tasks on contract much more quickly, and the work is completed cost-effectively.

### **Describe why your company won this award.**

MTI, as a human factors engineering company, focuses first on the user needs. MTI takes a unique and innovative user-centered design approach that provides a more satisfactory user experience. MTI

identifies user needs before addressing technology design, because those needs must be fully understood before the most appropriate technology can be developed. This approach results in a better match of technology and user interface design to user requirements, making users significantly more efficient and effective, while saving money on design and training costs. MTI's innovative user-centered design approach can be applied to design of complex hardware and software systems as well as business processes.

### **Describe your company's support of small business.**

As a small business prime contractor, our focus is on teaming and subcontracting with other small businesses to provide the most innovative and cost-effective solutions for our Government customers. MTI is currently bidding on three separate projects, the result of building a small business team. MTI holds a 5-year NASA IDIQ task-order contract, on which we have run 88 tasks; 87 of those tasks were awarded to 26 different small businesses. MTI mentors small business start-ups, and entrepreneurs hoping to start small businesses, and is active in entrepreneurship-mentoring programs at four different universities. MTI participates in several national and regional organizations that promote small business interests.

### **Describe your company's future.**

MTI will continue to grow its business in human factors engineering. As technology becomes more complex and our education system lags further behind, human factors engineering and user-centered design approaches for technology development will become even more essential for users to extract 100 percent of the capabilities these complex systems provide. Application of user-centered design principles will result in more useful technology, more effective people, and significant cost savings on technology design and user training. MTI plans to be at the center of that development for years to come. MTI already participates in defense technology development and medical equipment design and plans to expand into new areas such as unmanned systems and autonomous transportation systems.

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## ASRC Federal InuTeq, LLC

### Armstrong Flight Research Center



#### **Describe your company.**

ASRC Federal InuTeq is an 8(a) Small Disadvantaged Business that provides information technology (IT) and programmatic support to Federal Government customers. InuTeq's core competencies include IT infrastructure management, information security, software development, and enterprise architecture. InuTeq has extensive experience providing professional services for Federal clients including the NASA Research Facilities and Engineering Support Services (RF&ESS) and Academy of Program/Project and Engineering Leadership (APPEL) contracts, as well as contracts with the U.S. Departments of Labor and Agriculture. InuTeq has been appraised at Capability Maturity Model Integration (CMMI) Level 3, which demonstrates our commitment to consistently deliver quality products and services.

#### **Describe what service or support you provide to NASA.**

InuTeq is the prime contractor on the RF&ESS contract, providing support for the Armstrong Flight Research Center (AFRC) Mission Information and Test Systems Directorate. InuTeq supports the Consolidated Information Technology Center, the Research Aircraft Integration Facility (RAIF), procurement and logistics, and the Graphics Department. InuTeq's primary subcontractor, Arcata Associates, Inc., provides support to the Dryden Aeronautical Test Range (DATR) as well as photo and video services. In FY 2015, InuTeq furthered AFRC's mission by ensuring that IT services supported AFRC priorities and contributed to technological advances in the RAIF, which resulted in the ability to run real-time flight simulations on a Linux platform in support of flight research objectives.

#### **Describe why your company won this award.**

InuTeq provides innovative solutions to complex customer requirements and was recognized for its innovative solutions during the annual Agency awards ceremony held at AFRC on August 21, 2015.

InuTeq System Administrators led the way to creation of a real-time Linux simulation environment in the RAIF, enabling real-time simulations to run on a cost-effective hardware platform, which allowed implementation of additional simulations. In response to Agency modernization requirements, InuTeq's system administrators created a virtual machine solution, which allowed legacy mission GPS software to run on a modern platform. Without this innovative solution, the entire GPS system for the Center would have had to be retooled, resulting in measurement inconsistencies between the legacy and new systems.

#### **Describe your company's support of small business.**

InuTeq makes every effort to award purchases and subcontracts to small businesses. Of the 125 purchase orders awarded, 75 percent were awarded to small businesses—far exceeding the contractual goal of 8 percent. In addition to awarding the majority of purchases to small business, InuTeq's major subcontractor is a small disadvantaged business and has established minor subcontracts with two other small businesses. This equates to 95 percent of the dollars awarded going to small businesses. This proactive approach allows for greater competition and business opportunity to small businesses.

#### **Describe your company's future.**

To build an enduring enterprise committed to our people, our customers, and our community. The business strategy of the ASRC Federal family of companies is founded on a balance between customer intimacy and operational excellence. From a long-term perspective, our success depends on having strong relationships and business partnerships with our customers. Operational excellence is especially important in the near-term since many of our customers are increasingly cost-constrained. Over the long term, operational excellence is critical to ensure we execute our business—at all levels—in the most efficient and effective way possible.

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## Science Engineering Associates

### Glenn Research Center



#### **Describe your company.**

Science Engineering Associates (SEA) is in its 40th year of supplying instruments, data acquisition systems, engineering services, and fabrication services to the research community—especially in the area of airborne, wind tunnel, or ground-based meteorological measurements.

#### **Describe what service or support you provide to NASA.**

In 2015, SEA provided instrumentation development and personnel to support two NASA High Ice Water Content (HIWC) research programs—one in Cayenne, French Guiana, and one in Florida—with the NASA DC-8 research aircraft. In addition to developing and manufacturing instrumentation for these tests, SEA has also developed new instrumentation that is currently being used in the calibration of the NASA Icing Research Tunnel (IRT) and the NASA Propulsion Simulation Laboratory (PSL).

#### **Describe why your company won this award.**

SEA is made up of experts and technicians who cover mechanical design, mechanical fabrication, software design, electronic design, and electronic fabrication. Because of our small size we are able to react very quickly to our company's changing requirements and schedules. This competency in various disciplines as well as our flexibility allowed us to react quickly to NASA's needs for multiple weather research programs in 2014 and 2015.

#### **Describe your company's support of small business.**

SEA is itself a small business. We regularly employ and mentor engineering students from the University of Connecticut. We also endow a scholarship fund for the Aviation Department at the University of North Dakota, which is used annually for aviation students who show interest and ability in aviation research or instrumentation. In the past, we have also supported the robotics and science programs at Edwin O. Smith High School in Storrs, CT. Recently, the company's president has become active in the American Institute of Aeronautics and Astronautics (AIAA) AC-9C (Aircraft Icing Technology Committee) forum as a member.

#### **Describe your company's future.**

In February 2016, SEA is moving to our new location in Tolland, CT. This move will double our available space and provide a new and better work environment, allowing us to continue assisting our customers in terms of new instrument development and support for research projects.

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## LTJ & Associates, Inc.

### Goddard Space Flight Center



#### **Describe your company.**

LJT & Associates, Inc. was founded by Leonid J. Tasheiko in 1994 as an information technology (IT) services provider. The company, headquartered in Columbia, MD, has grown and matured into a premier aerospace and defense services provider. Today, LJT has more than 400 employees worldwide and provides base facility management services, launch operations support, system and sustaining engineering, and IT support to NASA, the U.S. Navy, the Defense Information Systems Agency, and the National Oceanic and Atmospheric Administration (NOAA).

#### **Describe what service or support you provide to NASA.**

LJT is the prime contractor on the Wallops Institutional Consolidated Contract II (WICC II) and the Range Operations Contract (ROC) at NASA's Wallops Flight Facility (WFF) in Virginia. Under WICC II, LJT provides facility institutional support including program management; emergency response; operations and maintenance (O&M) of facilities, equipment, laboratories; and vehicle fleet and logistics support to NASA/tenant organizations. Under the ROC, LJT provides engineering support and O&M services at the WFF research range, enabling a variety of orbital and suborbital missions. As a subcontractor on both the Space Network Communications Services (SCNS) and the NASA Sounding Rocket Operations (NSROC) programs, LJT provides engineering support and O&M services to ensure the availability of the Near Earth Network and the fabrication and integration of sounding rockets.

#### **Describe why your company won this award.**

LJT's performance is characterized by a commitment to working cooperatively with both the Government and other onsite contractors. This commitment goes well beyond contractual requirements and is recognized as a critical component of the management team

at Wallops. LJT's collaboration and leadership is demonstrated in its active role and involvement in every aspect of Wallops's operations, ensuring the success of NASA's mission. LJT implemented a Shared Services Office, in which many administrative and Project Management and Outreach (PMO) functions performed by LJT on WICC II and ROC were combined into a single integrated office. Functions include purchasing, accounting, IT, human resources, and logistics; this innovation that has reduced cost and increased responsiveness to NASA requirements.

#### **Describe your company's support of small business.**

As a small business prime contractor, LJT clearly appreciates the importance of supporting other small businesses and maintains a comprehensive and active database of qualified vendors. To date, during the execution of both ROC and WICC II, LJT awarded 41 percent of its subcontracts to small businesses; in terms of dollars, this represents \$42 million of the \$102 million committed to all businesses over the past 5 years. LJT has proposed an active Mentor-Protégé Program for ROC II, which seeks to bring enhanced business development tools, techniques, and processes to a Small Disadvantaged Business, 8(a), HUBZone company.

#### **Describe your company's future.**

LJT's future lies in the continuation of the values and principles that have served the company and its customers so well since 1994. LJT will build upon its customer-focused management approach called "The LJT Way." LJT establishes and maintains high levels of trust with its customers, enhanced by open communications and implemented by strong leadership with the vision, accountability, and responsibility to execute the mission. LJT offers innovation to improve performance and quality, reduce risk and costs, and maximize value to the customer. The LJT company model focuses on providing high-performing personnel, creating a challenging and rewarding workplace for all employees, attracting new talent as required, and retaining flexibility and responsiveness to meet customers' existing and emergent needs.

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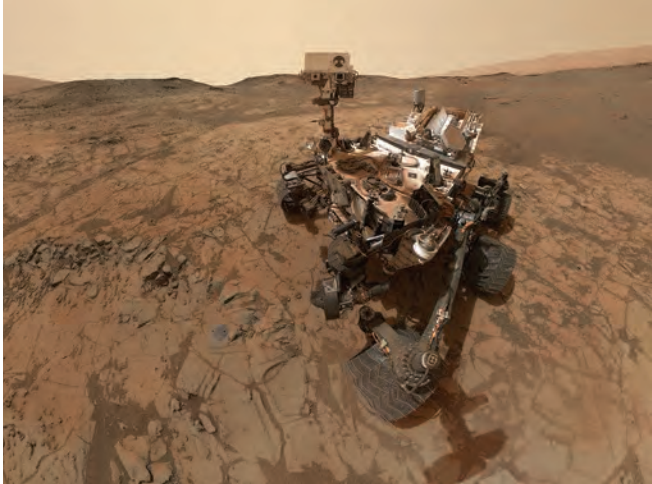
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## Malin Space Science Systems, Inc.

### Jet Propulsion Laboratory



#### **Describe your company.**

Malin Space Sciences Systems (MSSS) develops high-performance space flight imaging systems, operates them in flight, and does scientific research with the data they return. MSSS has developed more than 20 instruments for flight; in total, MSSS cameras have logged more than 60 years of operations in deep space, returning well over 1 million images. In addition to supporting deep space science missions, MSSS has also developed ECAM, a modular space flight imaging system that is being flown on both NASA and non-NASA missions.

#### **Describe what service or support you provide to NASA.**

MSSS has provided imaging systems to fly on seven Mars missions and on one Jupiter mission managed by NASA JPL. MSSS cameras have provided a significant fraction of the core scientific capability on those missions. Most recently, MSSS developed and now operates the four color science cameras on the Mars Science Laboratory Curiosity rover.

MSSS also developed the three cameras on the NASA Goddard Space Flight Center (GSFC) Lunar Reconnaissance Orbiter mission, which, over the last 6 years, has mapped most of the Moon at meter resolution. MSSS also just delivered one of our modular ECAM space flight imaging systems for the NASA GSFC OSIRIS-REx asteroid sample return mission.

#### **Describe why your company won this award.**

MSSS is a small company with a staff whose areas of experience include instrument development and science. When approaching any particular opportunity, we seek to extract as much science value as we can within all the various constraints (mass, power, volume, cost, schedule, etc.). This approach has yielded a whole series of capable and cost-effective instruments. The Context Camera on the Mars Reconnaissance Orbiter (MRO), which weighs just 3.3 kg, has mapped 95 percent of Mars at a scale of 6 m. The Lunar Reconnaissance Orbiter Camera

(LROC), which weighs less than 15 kg, has mapped more than half of the Moon at a scale of 0.5 to 2 m. Between the Mars Orbiter Camera on Mars Global Surveyor and the Mars Color Imager on MRO, we have recorded daily global weather maps of Mars since the late 1990s.

#### **Describe your company's support of small business.**

As a small business subcontractor, MSSS has provided significant small business participation in NASA space science missions as part of teams with JPL, GSFC, and Lockheed Martin. As part of our ongoing effort to maximize cost-effectiveness, we make substantial use of small business subcontractors in our capacity as a prime contractor on instrument development projects for NASA and other missions.

#### **Describe your company's future.**

Our future plans are as follows:

1. Continue to support NASA deep space science missions and the scientific community with innovative imaging system development. In the near term, that includes the development of the Mastcam-Z instrument for the Mars 2020 rover; and
2. Continue to market our ECAM modular space flight imaging system technologies to a broader range of customers (both NASA and non-NASA).

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## Logical Innovations, Inc.

### Johnson Space Center



#### **Describe your company.**

Logical Innovations is an SBA-certified 8(a)/Small Disadvantaged Business (SDB) and a Woman-Owned Small Business (WOSB). The company's history and capabilities originate from its President and CEO, Denise Navarro, whose career began at NASA Johnson Space Center in November 1984. Logical Innovations began its career at NASA on day one of operations and to date has supported seven Centers and Headquarters over its 9 years in operation. The company currently operates at five Centers: Johnson Space Center (JSC), Glenn Research Center (GRC), Ames Research Center (ARC), Goddard Space Flight Center (GSFC), Armstrong Flight Research Center (AFRC) (beginning January 1, 2016), and Headquarters. Our core competencies include acquisition and financial support, training, outreach, exhibit planning, and information technology services.

#### **Describe what service or support you provide to NASA.**

Since Logical Innovations's inception in November 2006, we have adopted NASA's mission as our own, providing technical, business, outreach, and administrative services to NASA. The work that we do allows NASA civil servants to focus on critical mission activities, often relying on our staff for attentive support. As an example, our acquisition and financial services support personnel at JSC and ARC enhance the respective Center's decision-making ability by providing the requisite data and analysis. At GRC, our employees provide outreach and strategic communications support to convey NASA's exciting and important work to the public.

#### **Describe why your company won this award.**

At Logical Innovations, we have two customers: our employees and our clients; each is vitally important to our survival. Ethical business practices and honest values are the cornerstone of our corporate culture and ability to satisfy our customers. We invest in continuous

improvement initiatives and provide processes and tools to our clients as well as development training for our employees. We insist on transparency and effective communication on all levels and respect and value input from our customers. Responsiveness to our customers, flexibility in our operations, and adaptability to change have been vital in our continued growth and success. We are proud to be acknowledged by JSC for these high standards.

#### **Describe your company's support of small business.**

Logical Innovations has been active within the JSC small business community beginning with membership in the small business roundtable and participation in the current Small Business Council. We represent JSC small business on the Headquarters OSBP NASA Industry Forum. As we expand operations into other NASA Centers, we become involved in the small business/contractor communities at those NASA Centers as well. We have experience in what it takes to grow in the small business arena and provide insights and share lessons learned with other growing small businesses. We seek to partner with other small businesses in our pursuit of opportunities and identify smaller businesses to mentor and assist in their growth.

#### **Describe your company's future.**

Logical Innovations seeks continued, controlled growth without compromising the level of service we provide. Our expansion and growth has provided the flexibility and resources necessary to make Logical Innovations an even better place to work for our employees. We offer more robust benefit and career development compensation packages and have invested in our corporate infrastructure. We have expanded our offerings to our customers, making us an even more valuable partner, and seek out like-minded companies to jointly provide value to our customers. Most importantly, we are proud to "give back" to the communities we call home. We invest in the future of our local youth by providing college scholarships, student internships, and sponsorships of academic and sport teams.

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# Chenega Security & Support Solutions, CS<sup>3</sup>, LLC

Kennedy Space Center



## **Describe your company.**

Chenega Security & Support Solutions, LLC (CS<sup>3</sup>) is a wholly owned, Alaska Native, limited liability subsidiary firm of the Chenega Corporation. Established in January 2011, CS<sup>3</sup>'s entry into the Chenega family of corporations under its Security Strategic Business Unit is a continuation of Chenega Corporation's legacy of developing world-class Protective Services companies that provide outstanding customer service in the Federal contracting market.

CS<sup>3</sup> offers a unique, best-value solution in providing Global Professional Protective and Facility Support services within the following North American Industry Classification System (NAICs):

561210: Facility Support

561612: Professional Protective

561621: Security and Fire Systems

922160: Emergency Management and Fire Protection

## **Describe what service or support you provide to NASA.**

CS<sup>3</sup> provides Protective Services support for the Kennedy Protective Service Contract (KPSC). These comprehensive and cohesive services include physical security operations, emergency response team, personnel security, badging, 911 dispatch center, fire and rescue, fire prevention, fire protection engineering, aircraft rescue and firefighting, advance life support ambulance services, emergency management, and management of the NASA Protective Services Training Academy (NPSTA) that provides Federal law enforcement training at all NASA Centers.

## **Describe why your company won this award.**

CS<sup>3</sup>'s ability to escort critical hardware is attributed to a professional team. The emergency response team, fire rescue, NPSTA and mutual aid support to the community, breed notoriety. The law enforcement efforts contribute to the safe roadways at KSC. Interface with the

customers facilitates process improvement for task orders and funding, thus satisfying customers, including AF, SpaceX, and Space Florida. CS<sup>3</sup> provided input to NASA's Ground Systems Development and Operations Program for utilization of specialized equipment for future operations by the program and commercial crew. CS<sup>3</sup> served as the plan sponsor for a Frozen Firefighter Pension Plan and was successful in meeting NASA objectives. In coordination with Spaceport Integration, CS<sup>3</sup> shared labor strategies with other contractors for transitioning from a Cost-Plus to a Firm-Fixed-Price contract.

## **Describe your company's support of small business.**

CS<sup>3</sup> actively participates in the NASA KSC Small Business Council. Through this council, CS<sup>3</sup> assists with planning for the KSC exposition and other related forums that bring NASA leadership and the extended small business community together to discuss current NASA topics of interest as well as upcoming NASA opportunities. CS<sup>3</sup> supports small businesses with purchasing items that are compatible with the products currently in use. CS<sup>3</sup> consistently supports small, veteran-owned, and woman-owned businesses, as well as companies in the local area. CS<sup>3</sup> further supports small businesses with subcontracting opportunities on our contracts.

## **Describe your company's future.**

CS<sup>3</sup> will continue its commitment to outstanding customer service by maintaining safety standards, outstanding business ethics, technical excellence, and highly trained personnel. We will continue to invest in our people and technology, leveraging some of our recent successes with NASA and other customers, including our international partners. As a graduate of the 8(a) Program, we believe in the institution of small business and will continue to support small business community growth and success through partnership, mentoring, and outreach. As CS<sup>3</sup> continues to grow, we look forward to contributing to the success of NASA's missions.

Douglas Datka, President

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## Brandan Enterprises, Inc.

### Langley Research Center



#### **Describe your company.**

Brandan Enterprises, Inc. (BEI), a Small Disadvantaged Business, has successfully served Government and private sector clients with a strong suite of acquisition/contracting, technical support, business support, administrative support, and specialized manufacturing since its founding in 2001. BEI currently serves 10 NASA Centers on our \$42.4 million NASA Contract Closeout and Procurement Support Services contract.

#### **Describe what service or support you provide to NASA.**

In performance of NASA's Agency-wide Contract Closeout and Procurement Support Services, BEI provides a range of cost-effective solutions to support NASA's procurement activities. At Langley Research Center (LaRC), we provide contract closeout services for all types of NASA procurement instruments. The basic contract provides for other procurement support services that can be ordered by individual Centers through the issuance of task orders. BEI has implemented improved contract closeout processes that have increased the number of contract instruments closed. BEI identified a need for better data and developed an innovative solution for managing NASA's contract closeout workload. The work-tracking tool provides for improved standardization, tracking, management, and communication with NASA regarding the work.

#### **Describe why your company won this award.**

NASA LaRC recognized BEI for attaining a very high level of productivity in closing out a variety of contract types including purchase and delivery orders, fixed-price contracts, cost reimbursement, time and materials, and interagency agreements and grants. The total number of instruments closed increased by 30 percent in FY 2015. In addition, closures of cost-reimbursement contract instruments increased from 28 in FY 2014 to 192 in FY 2015, which was a 685 percent increase.

LaRC praised BEI for the teamwork and overall performance of its staff as well as for its management, responsiveness to issues, and quality of work products delivered. LaRC also recognized BEI for its excellent support in coordinating with contractors and NASA Contracting Officers in processing deobligation modifications as required.

#### **Describe your company's support of small business.**

As an SBA 8(a) graduate, BEI understands the importance of and fully supports small business prime and subcontracting opportunities. BEI supports small business initiatives and participates in various NASA Industry Days. Whenever possible, BEI seeks out teaming and subcontracting relationships with other small businesses whose expertise aligns with NASA's requirements. BEI continuously works to develop relationships with small, disadvantaged companies as well as small businesses owned by veterans, disabled veterans, and women. BEI takes an active role in small business forums, chamber of commerce meetings, and other public forums regarding issues promoting small businesses. BEI is an active member of the NASA Industry Forum.

#### **Describe your company's future.**

BEI seeks to expand our procurement and other contractual support to additional NASA Centers and the Department of Defense (DOD) in 2016 and beyond. Our goal is to be seen as an indispensable partner by providing unmatched service and value for our clients. Having experienced personnel with unique knowledge of NASA, DOD, and Department of Energy operations and systems, BEI is well-positioned to offer innovative and effective solutions in the Government sector. BEI strives to provide innovative and cost-effective solutions to meet client needs.

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## Healtheon, Inc.

### Stennis Space Center



#### **Describe your company.**

Headquartered in New Orleans, LA, Healtheon is a HUBZone-certified small business that has enjoyed an excellent 12-year relationship with the Federal Government, including NASA, Department of Defense, Department of Veterans Affairs, and the Department of the Interior. Healtheon has been recognized for our ability to successfully complete complex, mission-critical, design-build (D-B) and construction projects while enhancing the value of each project to the Agency and exceeding stakeholders' expectations. Our success is founded on safety awareness/safety performance, because safety is the first, essential step toward quality control on every project. Our team-based approach provides a single resource that applies sound technical and managerial techniques to produce quick measurable results.

#### **Describe what service or support you provide to NASA.**

Under NASA's Stennis Space Center Multiple Award Construction Contract (MACC), Healtheon was awarded six task orders totaling over \$50 million, including the largest to date: the construction of the high-pressure industrial water (HPIW) line. This 96-inch diameter, 300-psi line provides water for cooling and suppression at the Stennis B Test Complex for testing NASA's Space Launch System rocket engines. Healtheon's other task orders have included the installation of two new 400-SCFM helium compressors for the gas house; the D/B of a 25,000-gpm pump, motor, and skid foundation and support systems at the B-4400 HPIW Plant; the D/B for rehabilitation of the cathodic protection system; the installation of high-pressure gas systems; and the demolition of various facilities.

#### **Describe why your company won this award.**

Healtheon not only provided high quality services safely but also was competitive, affording NASA the lowest price and best value on six task orders. As a true partner with NASA, communication between

Healtheon and NASA has always been extremely open and effective. In fact, during the critical outage for construction of the HPIW Line, Healtheon coordinated daily outage meetings with NASA, its shop representatives and Facility Operating Services Contract (FOSC), and its engine-testing clients to ensure that the lines of communication stayed open. The meetings facilitated real-time decision making and coordination that allowed NASA's testing program team to work hand-in-hand with us so that each stakeholder could perform its respective tasks to get the test program back up and running quickly. Our innovative scheduling was critical in minimizing the outage.

#### **Describe your company's support of small business.**

As a recent graduate of SBA's 8(a) group, Healtheon is keenly aware of the contribution that small businesses make in fulfilling the Government's needs. Healtheon's procurement process mirrors the Government's best-value procurement process. We first solicit quotes from small businesses, verifying each contractor's qualifications through interviews of references and past customers. We work with local businesses to ensure a trickle-down effect within the community surrounding Stennis Space Center. For example, where only a large contractor/vendor can be used, Healtheon makes every effort to use local production plants.

#### **Describe your company's future.**

Healtheon continues to grow organically and improve its performance and hone its processes by retaining and hiring the most qualified personnel available. We will continue to pursue opportunities that not only fall within our past capabilities, but that also expand our capabilities to make us a more attractive option for fulfilling the Government's needs. Safety, high quality, and customer satisfaction are foremost among our goals. We want to establish and build mutually successful relationships with the Government and our team of subcontractors and suppliers. Healtheon can only be successful if the Government's mission is successfully achieved in a timely and cost-effective manner.

#### **Jas Walia, President**

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FY 2015 CENTER-LEVEL WINNERS

# SMALL BUSINESS SUBCONTRACTORS OF THE YEAR



## AerospaceComputing, Inc.

Ames Research Center



AerospaceComputing, Inc.



### Describe your company.

AerospaceComputing, Inc. (ACI) is a small, woman-owned engineering firm headquartered in Mountain View, CA, that conducts research and analysis for customers in both the public and private sectors. Since 1989, ACI has led the field in the application of computer technology to aerospace sciences, including developing, optimizing, and deploying advanced measurement techniques; and creating intelligent design, image processing, and air traffic management control software. With its extensive theoretical and experimental technical expertise, ACI has provided engineering support since its inception to NASA Ames Research Center, ACI's first and major customer. ACI has expanded its customer base to include other NASA Centers, the Department of Defense, and private sector customers, including privately funded space exploration ventures.

### Describe what service or support you provide to NASA.

At ACI, we lead and support critical projects in aeronautics research and development, including wind tunnel testing at several NASA facilities. ACI has developed and applied image-processing techniques to various NASA applications, including pressure and heat distributions during rocket engine launches. The company has internationally recognized expertise in extracting aerodynamic forces and moments for planetary entry vehicles from aeroballistic range images of free-flight models. With ACI's Intelligent Systems expertise, it has supported many NASA projects, including Earth Observing-1 (EO-1), Integrated Systems Health Management (ISHM), Lunar Atmosphere Dust and Environment Explorer (LADEE), Mars Analog Rio Tinto Experiment (MARTE), (Crew Exploration Vehicle (CEV), and Orion. ACI has made significant contributions to projects designed to study, manage, and enhance the National Airspace System (NAS) and are currently critical to the effort to integrate Unmanned Aerial Vehicles (UAVs) into future airspace systems.

### Describe why your company won this award.

One of ACI's strengths is in fluid dynamics and acoustic experimental studies. ACI is a long-term NASA partner in designing, planning, and executing research programs of wind tunnels ranging from small-scale to full-scale and low-subsonic to hypersonic facilities, including the Unitary Plan Wind Tunnel (UPWT), the Fluid Mechanics Laboratory (FML), and the National Full-scale Aerodynamic Complex (NFAC), all of which are located at NASA Ames Research Center. ACI has recruited creative and knowledgeable employees, and their innovative solutions have resulted in new specialized instrumentation hardware and software as well as new data acquisition techniques. ACI developed and integrated a non-invasive sonic velocimeter/thermometer used in wind tunnels as well as a hardware/software integrated Internet of Things (IoT) device for strain gauge balances, which greatly reduces measurement noise.

### Describe your company's support of small business.

ACI qualifies as a Woman-Owned Small Business that has partnered with other small businesses with complementary capabilities to create products for both NASA and the Department of Defense. ACI is involved with the development of future talent for both small and large businesses and is a key supporter of NASA's educational mission, coordinating a NASA Ames open house display, leading multiple facility tours for educational groups, and designing the NASA Ames Intern Safety Program.

### Describe your company's future.

ACI's management philosophy is to empower its employees to work independently, encouraging them to achieve their full potential and work in partnership with their customers. This philosophy has resulted in ACI's ability to deliver first-rate services to its customers and has contributed to its reputation as an effective small business subcontractor. By remaining a scientifically and technically oriented small business, ACI can maintain its flexibility and continue to provide excellent service to NASA. ACI's plans are for controlled growth and expansion of its technical expertise through continuation of its subcontracting relationships with various primes, exploration of new relationships, and identification of suitable prime contracting opportunities.

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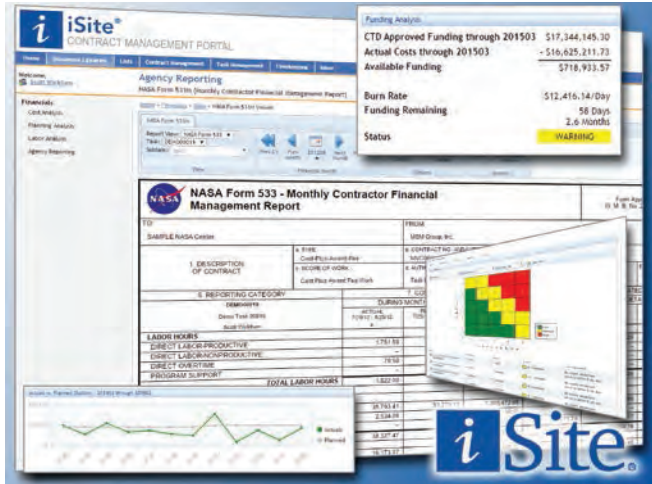
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## MSM Group, Inc.

### Glenn Research Center



#### Describe your company.

MSM Group, Inc. is a Service-Disabled Veteran-Owned Small Business (SDVOSB) that was founded in 1999 by accounting professionals experienced in regulatory consulting, Defense Contract Audit Agency (DCAA) Cost Accounting Standards, and NASA Form 533 reporting requirements. MSM recognized efficiencies in integrating the Work Breakdown Structure (WBS) for resource and cost planning, funding management, and performance reporting and started the development of its iSite contract and task management software suite. The capabilities that MSM and iSite provide are business process optimization and cloud-based FedRAMP-compliant tools for improved accessibility, data security, and transparency. The benefits to NASA and our customers are more efficient and lower cost contract management.

#### Describe what service or support you provide to NASA.

In FY 2015, LaRC selected iSite as its Government-supplied Contract Management System for two major support contracts. iSite provides a Web-based, paperless workflow for Contracting Officer/Contracting Officer Representative (CO/COR) review and transmittal of task requests and development of independent Government cost estimates. The prime contractor uses iSite to develop and submit a time-phased, resource-loaded baseline cost plan for final CO/COR approval. Both CO/COR and prime have access to the same iSite cost data to better monitor and manage valuable contract funding dollars. MSM also partnered with both small and large businesses as well as with joint ventures for Project Management Office (PMO) support and iSite management tools on mission-critical test and engineering contracts. These partnerships generated more than \$200 million in FY 2015 funding and invoicing on Glenn Research Center, Kennedy Space Center, Goddard Space Flight Center, ARC, and Edwards Air Force Base contracts.

#### Describe why your company won this award.

iSite provides an innovative enterprise approach by integrating tools and processes for task planning, monitoring, control, and reporting. Most contractors use individual, self-built tools for resource allocations, cost planning, funding management, and reporting. These independent and often undocumented systems carry high maintenance costs and require error-prone manual data entry and labor-intensive data processing and validation. These task-level systems have limited data sharing, lowering productivity and accuracy for consolidated contract planning and reporting. Another innovation is secure anywhere, anytime accessibility through Amazon Elastic Compute Cloud. This hosting approach provides FedRAMP certification and industry leading reliability while reducing infrastructure costs.

#### Describe your company's support of small business.

MSM supports the small business community by offering the pro bono class "Adequate Accounting Systems for Contractors" at the NASA JPL High-Tech Small Business Conference as well as conducting seminars on advanced pricing. MSM also provides pro bono consulting for emerging small businesses on cost accounting structures, policies, and practices; configuring accounting software; contract compliance; and DCAA audit assistance. MSM is an active member of the Ohio Aerospace and Aviation Council, the Maryland Space Business Roundtable, and a Gold Sponsor of the 2015 GRC Evening with the Stars celebration.

#### Describe your company's future.

Our future plan is to grow our partnership with NASA by demonstrating iSite's capabilities to NASA acquisition offices, offering proof of the advantages of a Center-level, standardized contract management system for task issuance, planning and cost reporting, which can then be integrated with NASA's financial systems. We also plan to extend our partnership with companies that support NASA by upgrading iSite's functionality based on user input—for example, adding enhanced project scheduling that dynamically links planned and actual labor hours and costs to milestones and deliverables and including online task evaluation and customer surveys.

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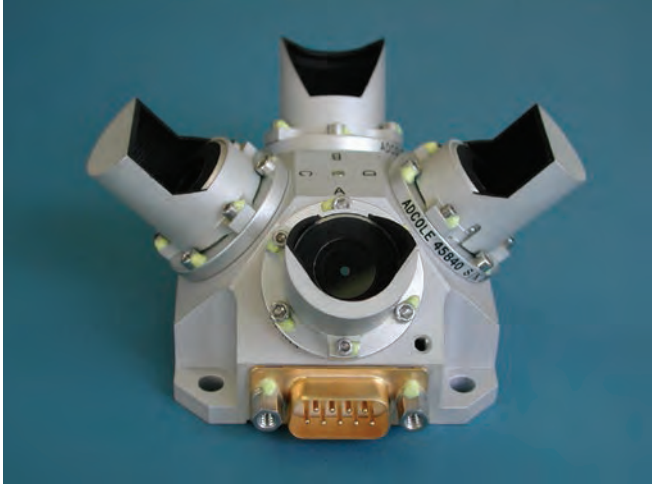
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## Adcole Corporation

### Goddard Space Flight Center



#### **Describe your company.**

Adcole Corporation was founded in 1957 and is an engineering-driven company dedicated to the design and manufacture of aerospace and industrial metrology products. Adcole's products are the world standard for precision, accuracy, and reliability in two markets: Sun Sensors for spacecraft attitude control and gaging machines for inspection of camshafts and crankshafts for the automotive industry. Adcole Sun Sensors have been a key component of NASA spacecraft since the 1960s, typically as part of the spacecraft attitude control system, but also for instrument and solar array pointing. Recent NASA spacecraft relying on Adcole Sun Sensors include New Horizons, IRIS, JUNO, MAVEN, MSL, OSIRIS-REx, SMAP, Van Allen Probes, Magnetospheric Multiscale Mission, and MESSENGER.

#### **Describe what service or support you provide to NASA.**

Adcole's most important NASA programs in FY 2015 were the GOES weather satellites and Solar Probe Plus. For the GOES program, we customized Coarse Sun Sensors for Sun acquisition and attitude control and a high-accuracy Fine Pointing Sun Sensor to direct a Sun pointing platform. Flight hardware and test equipment were delivered for GOES-R and GOES-S, and are now in process for GOES-T and GOES-U.

On Solar Probe Plus, Adcole designed and developed a unique Sun Sensor System that will operate with up to 22 Sun Intensity and survive temperatures up to 200°C. If the spacecraft attitude deviates from nominal, the Sun Sensors will be illuminated and provide a step count algorithm to help restore nominal attitude. All major reviews were completed in 2015, culminating in delivery of a Qual/EM System and ground-test equipment.

#### **Describe why your company won this award.**

Adcole is one of very few small businesses that provide instrument-level hardware to NASA and other spacecraft prime contractors. Because we are a small organization, we can be much more responsive than larger companies. Adcole's flight heritage and knowledge of Sun Sensors for any spacecraft application is unsurpassed. We have designed Sun Sensors for interplanetary spacecraft from Mercury to Pluto, and all types of Earth-orbiting satellites including low-Earth Orbit (LEO), medium-Earth orbit (MEO), and geostationary orbit (GEO).

The combination of product knowledge, testing capability, and responsiveness has been the key to successful implementation of NASA programs. Adcole is honored to be selected by Goddard Space Flight Center as their small business supplier of the year. It is a tribute to the dedication of Adcole's employees.

#### **Describe your company's support of small business.**

Adcole is a small business, and as such, we are most comfortable working with suppliers with a similar scope. Our experience is that small businesses can provide a level of commitment and support that larger companies are often unwilling to provide.

#### **Describe your company's future.**

Adcole intends to broaden our product offerings in both our aerospace and gaging product lines. For the Aerospace Division, we are evaluating use of new technologies in existing product lines, as well as pursuing opportunities in adjacent markets for attitude control instrumentation.

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## Bastion Technologies, Inc.

### Johnson Space Center



#### **Describe your company.**

Jorge Hernandez received his B.S. in civil engineering from Texas A&M University and his M.S. in mechanical engineering from Stanford University. With this background, Hernandez established Bastion Technologies (Bastion) in 1998 and in that same year won his first contract supporting 3-D modeling and development for Boeing on the International Space Station Program. Contracts followed in dynamics and control analysis, configuration management, advanced information technology, and mechanical systems engineering. In July of 2007, Bastion acquired Hernandez Engineering and began providing space flight system safety and mission assurance services. Today, Bastion supports NASA, the Department of Defense, and the oil and gas industry in two principal focus areas: (1) mechanical design and structural analysis and (2) safety and mission assurance.

#### **Describe what service or support you provide to NASA.**

Bastion has been a critical partner at NASA's Neutral Buoyancy Facility (NBL) and Space Vehicle Mock-up Facility (SVMF) for the past 12 years. Bastion supplies instructors for NASA's Astronaut Crew Training, U.S. Navy Divers performing Orion Capsule Recovery, and OPITO Water Survival Training. Bastion acquired Petrofac's Houston-based HI-CON Survival and Marine Training intellectual property and HW assets, which mitigated the loss of the NBL's primary anchor commercial tenant. Bastion, as a commercial customer, will continue to use the NBL as its offshore survival training facility. This effort exemplifies its commitment to NASA Johnson Space Center's (JSC) commercialization goals. Bastion is expanding its curriculum, anticipating revenues of over \$1.4 million, thus offsetting NASA facility infrastructure and personnel costs.

#### **Describe why your company won this award.**

Bastion has clearly become the "tip of the spear" for commercialization efforts in securing the continuation of the Offshore Survival and Fire

Training within the NBL complex, the testing of oil and gas down-hole equipment in the Logistics and Manufacturing Facility (LMF), and special operations command training in the NBL. NASA JSC has been able to offset the cost of several of their critical facilities through utilization of this excess capacity. As a direct result of the commercialization dollars realized, JSC has increased crane lifting capacity from 10 to 20 tons, completed air handler and chiller replacements, and upgraded cooling towers. These upgrades not only increased the commercial capability of the NBL complex but also enhanced NASA's ability to ensure mission success in its human space flight programs.

#### **Describe your company's support of small business.**

Bastion has mentored smaller and micro-businesses in developing teams in support of NASA. We advised and teamed with a small business in pursuit of a Goddard Space Flight Center information technology contract and subsequently teamed with that business again at Stennis Space Center. We identify small businesses that are philosophically aligned with us as we leverage our relationship to pursue multiple procurements. In this manner, we seek to build stronger, strategy-based relationships that enable us to truly understand each other's strengths and weakness in order to nurture the former and mentor them on the latter. We promote community awareness for the benefit of space exploration and advocate for small business in the aerospace community through leadership forums, corporate networking programs, and congressional visits.

#### **Describe your company's future.**

Bastion Technologies envisions using the NBL facility for product development undertakings for commercial customers. The availability of the LMF and the pool are unique assets driving the future evolution of the NBL towards supporting commercial research and development activities. In the fourth quarter of 2015, Bastion signed a contract with an oil and gas industry client to assist in the development of a ultrasonic telemetry system for use in well bores. LMF availability was key in successfully negotiating the agreement to bench test new technology and demonstrate it in the pool. Bastion has begun work on this project in the LMF and is working towards water testing of the new device in early- to-mid 2016.

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## Olsen Associates, Inc.

### Kennedy Space Center



#### Describe your company.

Olsen Associates, Inc. (OAI) is a coastal engineering firm in Jacksonville, FL, specializing in the study, design, permitting, and management of projects located in coastal, insular, and estuarine environments. Since its founding in 1982, the firm has focused its practice on beach and dune restoration, marina and oceanfront resort development, inlets and adjacent shoreline and coastal structures projects, navigation projects, and coastal construction regulation. The firm's experience spans the southeastern United States, Hawaii, Mexico, Central America, the Caribbean, and the Indian Ocean. Its diverse projects range from large-scale beach restoration for municipal clients to "boutique" beach creation for resorts and include reef restoration, regulation of piers and marinas, ocean aquaria intakes, and more.

#### Describe what service or support you provide to NASA.

As a subconsultant to InoMedic Health Applications, Inc., OAI provided fast-track design and construction details for the construction of a dune restoration project to provide shore protection at Kennedy Space Center, along and between launch facilities 39A and 39B. Following years of chronic erosion, the shoreline had been severely eroded by Hurricane Sandy. The potential for further overwash and flooding threatened the upland and accelerated the requirement for shore protection. OAI quickly refined a design alternative from an environmental assessment into a construction plan that could be implemented rapidly with available resources and funds, and the project was subsequently carried out.

#### Describe why your company won this award.

OAI's effort saved the shore protection project thousands of dollars and accelerated the repair timeline. The firm strives to provide well-researched, practical, innovative solutions and options for KSC's coastal engineering requirements and to do so in a very prompt and

comprehensive manner at a reasonable price and under budget. OAI's project experience blends the fast pace of commercial work requirements with the complexities of collaborative planning, field sampling, review, and permitting under a prime Government contractor. The firm's approach is to develop straightforward analysis, discussion, and plans—cutting to the essence of a problem and restricting efforts to those that are critical to its solution.

#### Describe your company's support of small business.

OAI serves as both a prime engineering contractor and a subconsultant. It currently employs nine coastal engineers and two staff members. The firm believes in the team approach by which services are delivered through a diverse team of like-minded, small business consultants that are experts in their selected fields of practice. In this way, much of the work accomplished by the firm is in conjunction with its colleague subcontractor firms ranging from surveyors, environmental specialists, archaeologists, aerial photographers, media specialists, and economists—almost all of whom are small businesses—working together under one or more contracts to create a responsive, uniquely experienced team of experts.

#### Describe your company's future.

Our firm has been both very busy and successful for the last 30-plus years through a fairly consistent model, which we plan to follow in the future. Despite many opportunities to expand, the firm has elected to remain small—with less than a dozen employees. We will continue to serve our current long-term clientele as our highest priority and shall always seek to maintain a mix of municipal and private clients, including ports, cities and counties, resorts, individuals, and larger prime contractor firms. The firm will continue to focus its efforts within a specialized field of practice, and the staff will continue to dedicate essentially all of its work to analysis, design, and permitting, with a minimum of marketing and overhead.

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## Willbrook Solutions, Inc.

### Marshall Space Flight Center



#### **Describe your company.**

Willbrook Solutions, Inc. was founded in 2006 and is a Woman-Owned Small Disadvantaged Business. The company's philosophy is "People, Passion, Products." Our dedicated team provides innovative end-to-end systems engineering expertise. We reduce program and technical risks. Our customers are NASA, the Department of Defense (DOD), and the major avionics and missile-systems engineering DOD contractors. Willbrook's core competencies are concept, specification development, design engineering, data analysis, modeling and simulation, planning, logistics, verification, and accreditation. Fundamental to our approach is to build client relationships. Our expertise provides the ability to identify issues, ensure that requirements are met, and provide industry-leading solutions.

#### **Describe what service or support you provide to NASA.**

Willbrook is a subcontractor to Jacobs on the Engineering and Sciences Services and Skills Augmentation (ESSSA) contract at Marshall Space Flight Center and supports NASA in several critical roles. First as the system analysis lead planner for Space Launch System (SLS) analysis cycles for design, verification, and flight readiness for the Human Exploration and Operations Mission Directorate's Exploration Mission 1 (EM-1) and Exploration Mission 2 (EM-2). Willbrook also is the vehicle management mission and fault management (M&FM) technical lead for booster algorithm, prototype code development, and flight software requirement derivation. Willbrook is the avionics integration and interface lead for the Spacecraft/Payload Integration & Evolution (SPIE) Interim Cryogenic Propulsion Stage (ICPS). Willbrook serves as the SLS integrated logistics and analysis lead and was a significant contributor as the Guidance, Navigation and Control (GN&C) lead for the recently completed Commercial Cargo/Antares Mishap Investigation.

#### **Describe why your company won this award.**

Willbrook's support adds strong technical competencies across multiple disciplines and organizations, providing innovative solutions on issues and recovery plans when needed to mitigate program risks. When a key "go/no-go" issue for SLS critical design review (CDR) was identified, a Willbrook employee took the lead to identify a single baseline solution that addressed the Multi-Purpose Crew Vehicle, Ground Systems Development and Operations, and SLS Elements and ensured that the SLS program could continue with its CDR. Our NASA customer remarked on how the Willbrook employee described above "steps up when there are urgent or uncovered actions, is respected and trusted by other members of the team and management." A Willbrook employee received NASA's highest civilian honor, the Distinguished Public Service Medal.

#### **Describe your company's support of small business.**

As a small business subcontractor, Willbrook understands the importance of that role and what it brings to the customers and their mission. Willbrook is actively involved in the small business community. As a current participant in the Small Business Administration (SBA) Woman-Owned Small Business (WOSB) development program, the company participates in industry forums and small business initiatives developed by the SBA. Willbrook meets regularly with small business offices and supports elected representatives to promote legislative solutions to small business challenges. We provide leadership to other small businesses, advocating for small business opportunities and demonstrating that small businesses are efficient and cost-effective in meeting program objectives.

#### **Describe your company's future.**

Willbrook is excited about our future. Our commitment to excellence is reflected in the fact that we have grown every year since our inception. We credit this success to our team members, the passion we have for our work in support of our customers, and the quality of the services and products we provide. Our goal for the future is to use our capabilities in the most effective and efficient way to provide innovative solutions to ever-changing technologies and challenges that face our customers. We plan to build upon the work that we have done so far with NASA and the DOD to achieve even more impressive results.

Bonita Phillips, President and CEO

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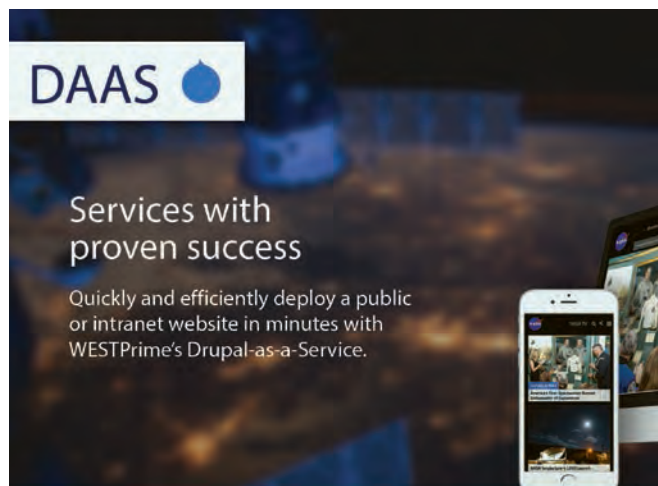
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## Mobomo, LLC

### NASA Shared Services Center



#### **Describe your company.**

Mobomo, LLC is a global product development company with extensive experience in strategy, design, development, and deployment of Web, cloud, and mobile solutions. Mobomo uses agile software development processes to create enterprise systems, flagship Web sites, and other applications with a focus on mobile use. Mobile is now the preferred way in which people access the Internet. As such, it is important for organizations to take a "mobile first" approach in serving their constituents. We power the largest Federal properties including *www.nasa.gov*, *http://www.usa.gov*, the White House mobile apps, and the U.S. Navy mobile apps.

#### **Describe what service or support you provide to NASA.**

Mobomo provides strategy, design, development, operations, and maintenance services for open-source content management systems (CMS) and applications using Drupal and WordPress for NASA's Web Services (WESTPrime) contract. We have implemented Drupal-as-a-Service and WordPress-as-a-Service in the WESTPrime Amazon Cloud environment for over 30 NASA sites, including: *www.nasa.gov*, *inside.nasa.gov*, and *blogs.nasa.gov*. These sites have won awards and recognition by the press (e.g., the 2014 Webby Award and coverage in the Tech Times: <http://www.techtimes.com/articles/47217/20150419/nasa-rebuilt-website-ground-up-awesome.htm>). Mobomo provides agile software development capabilities along with tier 2 and tier 3 support for all CMS users and developers, which include the 20 NASA Centers and Facilities throughout the United States.

#### **Describe why your company won this award.**

Mobomo is a leader in mobile, Web, and cloud technology, blending robust, innovative engineering technology with elegant design. In addition to providing innovative, leading-edge technology solutions, Mobomo focuses on 100 percent customer satisfaction. From

partnering with the NASA enterprise and Agency stakeholders to working closely with a single content editor at Center who needs assistance with their microsite, Mobomo prides itself on ensuring that customers are beyond pleased. We are passionate about delivering beautiful products both on time and within budget for our customers.

#### **Describe your company's support of small business.**

Mobomo is a small business and supports the small business community by working with many small businesses and startups to bring new products to market. Throughout the years, we have launched over 150 products and innovative Web sites for both Federal and commercial clients. We run local meetups, including the D.C. Ruby Users Group and the D.C. Responsive Web Group. We are part of the Drupal4Gov community, regularly participating in conference and educational series. Finally, Mobomo works closely with youth groups with programs including SmartART and CyberJutsu to teach students how to develop mobile applications.

#### **Describe your company's future.**

Mobomo looks to continue its growth as a 3-years-running winner of the Inc. 5000 Award, providing innovative technology solutions that blend robust, innovative engineering technology with elegant design. We are expanding our services from mobile, Web, and cloud expertise to include capabilities in wearables, Internet of Things, Big Data, and data analytics. We have developed apps for Apple Watch, Android Wear, Google Glass, and iBeacons. We look forward to continuing to push the technology envelope to provide world-class solutions and customer service to our clients.

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# Global Contracting, LLC

## Stennis Space Center



### **Describe your company.**

Global Contracting, LLC is a Service-Disabled Veteran-Owned Small Business that was established in May of 2011 in Carriere, MS. Global's upper management is made up of a team of professionals with a combined 75 years of experience servicing Government and commercial facilities. Global is a very diverse company that specializes in commercial construction, industrial, and environmental services.

As a services-based company, Global is focused on continuously providing a quality and economical service with the highest regards to safety. Global is proud to maintain an exceptional safety record, while working within the stringent safety requirements and guidelines of our industry.

### **Describe what service or support you provide to NASA.**

Global provides a wide range of construction, industrial, and environmental services for NASA and other contractors performing work at Stennis Space Center (SSC) in Hancock County, MS. Global has provided innovative and creative solutions to unforeseen challenges that have arisen on projects being performed at SSC. In the past, Global has safely and successfully completed numerous projects at the SSC, such as asbestos and lead abatement, mold remediation, PCB remediation, tank cleaning, abrasive media blasting, and various construction and mechanical projects.

### **Describe why your company won this award.**

Global's prompt response and creative solutions have helped SSC on several occasions. A breach in a containment of another contractor on the B-2 test stand caused lead levels to exceed NASA's acceptable level. Global responded immediately and worked 24 hours a day, in

three 8-hour work shifts to decontaminate the impacted areas. This assistance expeditiously helped get the test stand and personnel back to work. Global's immediate response prevented further exposure of the lead contamination and helped minimize the cost of remediation to NASA. Global feels that our past performance, professionalism, and exceptional safety record working with NASA and other contractors at SSC has been a key to the Center's progress.

### **Describe your company's support of small business.**

Global happily supports small businesses in our community, because we as a company know that it is instrumental to creating jobs, stabilizing the economy, promoting growth, and developing the communities in which we live. Global recognizes that with small businesses, customer service is more personalized and is more likely to give positively impact the community. These factors are imperative when Global does business with a new company. As a company we accommodate small businesses by continuously striving to buy local. One of Global's mottoes is "Help those who help you!"

### **Describe your company's future.**

At Global Contracting, LLC, we feel that if a company wants to be successful, it is very important to set achievable short-term and long-term goals. When planning for these future goals, we feel it is imperative to take customer suggestions and implement them into our goal planning. Once the company goals have been established, we feel it creates a more positive workforce to involve the company's employees and let them know where we see Global Contracting in the future.

Our future long-term goal at Global Contracting, LLC is to continue to grow at a gradual pace and eventually become one of the premier construction and environmental companies of the southeastern United States.

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FY 2015 CENTER/FEDERALLY FUNDED RESEARCH AND  
DEVELOPMENT CENTER (FFRDC)-LEVEL WINNERS

# LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR



## Jacobs Technology, Inc.

### Armstrong Flight Research Center



#### **Describe your company.**

Jacobs Technology Inc. (Jacobs) is the advanced technology division of Jacobs Engineering, one of the Nation's largest engineering and technical services-only companies. With 70-plus years of experience supporting Government and commercial clients, we have earned a reputation for excellence and outstanding technical and managerial achievements in quality, performance, and safety. Our clients include the Department of Defense, NASA, U.S. Special Operations Command, Department of Energy, and dozens of commercial clients. Jacobs Aerospace and Defense provides advanced scientific, engineering, and technical services in the following core markets:

- technical facilities operations and maintenance
- test engineering and science
- program acquisition engineering
- facility design and build
- enterprise information systems

#### **Describe what service or support you provide to NASA.**

Jacobs provides long-term engineering, scientific, and technical services at eight major sites for NASA. Our partnership with NASA dates back to the Mercury Program and has increased dramatically within the last 5 years—growing from 600 to more than 3,500 professionals solely dedicated to supporting NASA programs. At locations nationwide, Jacobs is partnering with NASA in support of the next-generation human space exploration mission. Overall, our support includes research and development, spacecraft systems development, comprehensive engineering support, scientific research and applications, payload development and integration, information technology, facilities management, operation and maintenance, and even business services.

#### **Describe why your company won this award.**

Jacobs has a long history of information technology engineering expertise and provides professional engineering services to major

Government aircraft research and test programs. Our mission planning efforts cover the entire life cycle of mission planning systems, from design/development to fielding/sustainment. We provide system engineering program management and technical project insight activities across multiple development agencies/programs. We also develop, deploy, and support complex financial/business information systems for enterprise level cost accounting, timekeeping, earned value, and activity-based costing. We also provide engineering, operations, modernization, and maintenance services for test and evaluation and training ranges throughout the United States.

#### **Describe your company's support of small business.**

Jacobs's support to small business goes beyond subcontracting work. Our approach is to develop the capabilities of our small business partners that will allow them to expand their businesses. Through numerous Mentor-Protégé relationships, we help enhance the business development and business management capabilities of individual companies. Through our innovative teaming relationships, we foster our small business partners' participation in the high-tech areas of our contracts, which serves to develop their technical capabilities. Our participation in Small Business symposiums attracts new partnerships and our outreach programs encompass public, education, and small business ventures. As a result of our commitment to Small Business, we have been accepted as a mentor in the NASA Mentor-Protégé Program.

#### **Describe your company's future.**

Staying true to our core values, we plan to continue building close, long-term relationships with our clients, like NASA, by providing superior customer value and by continuously improving our performance across all contracts. Our clients' needs drive our business, so we plan to expand in pace with their growth. Our goal is to increase our business by 15 percent each year. We have consistently met this goal in recent years, solidifying our place as one of the world's largest and most diverse providers of professional technical services.

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#### Describe your company.

Founded in 1944, Parsons is an engineering, construction, technical, and professional services firm with revenues of \$3.1 billion in 2014. Parsons is a leader in many diversified markets with a focus on defense/security, industrial, and infrastructure support. Parsons delivers design/design-build, program/construction management, and other professional services packaged in innovative alternative delivery methods to Federal, regional, and local government agencies, as well as to private industrial customers worldwide. We conquer the toughest logistical and technical challenges and deliver landmark projects across the globe. Today, more than 15,000 employees are engaged in executing nearly 5,000 projects in 50 states and 28 countries around the world.

#### Describe what service or support you provide to NASA.

Parsons has delivered facilities construction, engineering, construction management and technical services at the NASA Goddard Space Flight Center (GSFC) as a prime contractor since 1995. The company has been involved in planning, estimating, and move coordination services at the NASA Marshall Space Flight Center (MSFC) as a subcontractor since 2011.

Parsons supports the Facilities Management Division at GSFC. Our services focus on the rehabilitation, modernization, and conversion of existing facilities to meet unique mission requirements for clean rooms, laboratories, and data centers supporting diverse NASA missions. Past and current missions and projects include the Magnetospheric Multiscale (MMS) Mission, the Hubble Space Telescope (HST), the James Webb Space Telescope (JWST), and the Earth Observing System (EOS) spacecraft. Our MSFC team supports the Facilities Management Office to make personnel relocations go smoothly with minimal disruption and downtime.

#### Describe why your company won this award.

Parsons provides numerous opportunities to engage small businesses due to the unique design and construction requirements of projects at

GSFC. Parsons has developed mutually beneficial, sustaining partnerships with a group of small businesses, resulting in highly successful projects. We proactively and continually search for new talent to bring to the NASA team. Parsons's efforts to identify new HUBZone and WOSB businesses in FY 2015 added businesses from five different states to our core contractor base. Our engineering staff teamed with two Historically Black Colleges and Universities (HBCUs), resulting in engineering and architectural internship opportunities for college students. We also entered into the first construction/engineering Mentor-Protégé agreement at GSFC by providing 3D design and building information modeling (BIM) training to small businesses.

#### Describe your company's support of small business.

Parsons is an active supporter of the small business community, awarding more than 60 percent of our total subcontracting dollars to small firms annually. We achieve this by providing equitable opportunities for small businesses to support our Government programs. Parsons participates in a variety of mentor-protégé programs, including the NASA Mentor-Protégé Program, developing diverse suppliers to deliver high-quality, innovative service and products. We also support and sponsor more than 20 outreach initiatives annually, promoting the development of small businesses, and participate on small business advocacy councils for Marshall Space Flight Center and the Missile Defense Agency. Parsons hosts targeted industry forums to network with small businesses and is an active participant in industry associations that support the small business community.

#### Describe your company's future.

Since our founding in 1944, Parsons has provided cutting-edge technology to improve the ways people connect with the world. Through our employees and processes, we help our customers embrace the leading edge of engineering, technology, and innovation. From proprietary software solutions to improvised explosive device (IED) neutralization technologies, our groundbreaking innovations offer flexible, cost-effective ways of meeting customer goals. We strike the balance between big ideas and our technical ability to bring them to life. Parsons's global network of resources combines the power of state-of-the-art technology with our unparalleled quality and control. To merge technology with best practices effectively, we actively partner with research and development pioneers to develop technologies that deliver a better world.

Charles Harrington, Chairman and CEO  
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## Exelis, Inc.

a wholly owned subsidiary of Harris Corporation

### Jet Propulsion Laboratory



#### **Describe your company.**

On May 29, 2015, Harris acquired Exelis, Inc. During its 120-year history, Harris has transformed communications and information technology (IT) from the printing press, to the space age, and to today's fast-paced digital age. Harris is governed by the highest standards of fairness, integrity, transparency, and accountability. These standards are the cornerstone of our company's values and are critical to our reputation. Since its beginning, the company has focused on providing innovative and reliable solutions. Harris's Supply Chain and IT organizations collaborated to provide better, faster, lower-cost, and flexible solutions for our customers and business partners. Through our award-winning supply chain operating system, we provide seamless communication that serves the entire value chain.

#### **Describe what service or support you provide to NASA.**

Exelis manages the NASA Deep Space Network (DSN) Operations and Maintenance contract and the Space Communications and Network Services (SCNS) contract. DSN is an international network of antennas that supports interplanetary spacecraft missions and radio and radar astronomy observations for the exploration of the solar system and the universe. SCNS provides telemetry, tracking, and command services for near-Earth missions to include the Tracking and Data Relay Satellite (TDRS) fleet and International Space Station (ISS) communications.

Exelis provides technical and communications support to a worldwide system of highly sensitive antennas and tracking facilities. Our engineers and technicians aid in navigation, command, and data acquisition for interplanetary spacecraft, deep space mission spacecraft, and Earth orbiters.

#### **Describe why your company won this award.**

Exelis shares the values NASA places on small business subcontracting. Exelis participates in all JPL Small Business outreach events and

selected NASA symposia, often speaking as panelists on topics such as working with large business prime contractors and understanding teaming agreements. Exelis has consistently exceeded expectations in administration of their Small Business Program. We are committed to supplier diversity initiatives and have in place an innovative and successful procurement program, EXPO, that encourages active participation by small or disadvantaged businesses. EXPO supports integrated communications, provides a unified view of data, reduces transactional costs, includes supplier score cards to measure performance, and enables collaborative planning.

#### **Describe your company's support of small business.**

Exelis, Inc. has a robust, successful Small Business Program Office that solicits and utilizes small businesses in the execution of contracts and focuses its resources on increasing subcontracting opportunities for small businesses. Our outreach program has created an internal small business supplier database that includes qualification packages and information received from small businesses during attendance at small business conferences, seminars, and symposiums each year. Additionally, we invite small businesses to our offices for capability demonstrations, management presentations, and strategic teaming discussions. Exelis is a proponent of establishing and maintaining Mentor-Protégé relationships. Exelis is a skilled mentor with expertise in a variety of areas, most notably in supporting small businesses, and providing expert guidance to them.

#### **Describe your company's future.**

Harris' acquisition of Exelis, Inc. established Harris as a top 10 defense contractor with the scale, technology portfolio, and agility to take on any size challenge. The acquisition creates a combined company with about \$8 billion in annualized revenue, more than 22,000 dedicated employees, and strong core franchises. The new Harris brings a strong portfolio of complimentary technologies and builds on our commitment to innovation. In addition, it generates meaningful synergies that will enable Harris to deliver new, high-valued products, systems, and services while driving down our customer's costs.

Bill Brown, Chairman, President and CEO  
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## Raytheon Company

### Johnson Space Center

# Raytheon



#### **Describe your company.**

Raytheon Company, with 2014 sales of \$23 billion and 61,000 employees worldwide, is a technology and innovation leader specializing in defense, civil Government, and cybersecurity markets throughout the world. With a history of innovation spanning 93 years, Raytheon provides state-of-the-art electronics, mission systems integration, and other capabilities in the areas of sensing; effects; command, control, communications and intelligence systems; cybersecurity; and a broad range of mission-support services. Raytheon is headquartered in Waltham, MA.

#### **Describe what service or support you provide to NASA.**

Raytheon leads the contractor team that operates, maintains, and provides sustaining engineering for the Neutral Buoyancy Lab, Space Vehicle Mockup Facility, and the Logistics and Mockup Facility. These facilities at Johnson Space Center (JSC) are vital for piloted human space flight. In 2015, Raytheon delivered complex operations support, engineering evaluations, and tests for new Extravehicular Activity (EVA) scenarios and new flight hardware. We also facilitated astronaut and flight controller training operations for the International Space Station (ISS). Raytheon successfully provided cost savings to the NASA JSC Flight Operations Directorate. External customers were sought to increase utilization of current and future excess capacity in the facilities.

#### **Describe why your company won this award.**

We have a highly experienced workforce that adopted a passionate approach toward developing a culture of safety and driving efficiencies at JSC. Raytheon is recognized externally for excellence in modernization through sustainment, continuing operational and engineering excellence substantiated by metrics, demonstrating innovative methods that deliver measurable cost savings, and responsive

mission-focused leadership. Raytheon continues to emphasize customer success as our mission and proactively seeks opportunities to streamline processes and generate efficiencies for NASA.

#### **Describe your company's support of small business.**

Raytheon is committed to empowering small businesses and believes that diversity is a key driver of mission success. Small businesses are centrally engaged in Raytheon's JSC programs, and Raytheon continues to grow small business partnerships. We have also worked with our small business partners to enhance their processes with focus on increased small business opportunities. Our small business partners own core competencies and are integrated throughout our JSC programs, while our partnership with historically black colleges and universities and minority-serving institutions continually provides the JSC community with high-potential talent. Raytheon has consistently exceeded total small business goals and supplemented teams with suppliers that address NASA's traditionally challenged categories.

#### **Describe your company's future.**

Raytheon is a trusted partner across NASA and other Federal civil agencies. In addition to JSC, Raytheon also has contracts at the Jet Propulsion Laboratory and Goddard Space Flight Center, where Raytheon won the Large Business Prime Contractor award last year. We look forward to supporting NASA into the future. Raytheon is committed to working closely with our customers and industry partners to develop road maps for future innovation so that modern solutions can meet today's challenges efficiently and effectively.

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## Jacobs Technology, Inc.

### Kennedy Space Center



#### **Describe your company.**

Jacobs provides long-term engineering, scientific, and technical services at eight major NASA sites. Our partnership with NASA dates back to the Mercury Program and has increased dramatically within the last 5 years—growing from 600 to more than 5,000 professionals solely dedicated to supporting NASA programs. At Kennedy Space Center (KSC), Jacobs is partnering with our NASA customer to support the next-generation space exploration vision with the Test and Operations Support Contract (TOSC).

#### **Describe what service or support you provide to NASA.**

The TOSC is a processing contract for KSC supporting multiple customers. The scope includes program management and control; safety and mission assurance; information management; processing support systems and integration; flight hardware processing; ground systems operations, maintenance, and sustaining engineering; and logistics and spaceport services. TOSC provides for the management and performance of activities to accomplish ground processing for launch vehicles, spacecraft and payloads in support of the International Space Station Program; Exploration Systems Development, comprised of the Ground Systems Development and Operations Space Launch System and Multi-Purpose Crew Vehicle Programs; and Launch Services Program customers.

#### **Describe why your company won this award.**

Jacobs's performance on TOSC has been commendable in providing excellent support to multiple NASA customers. In addition to technical excellence, Jacobs has observed all aspects of TOSC responsibilities for potential opportunities for improvements and cost reductions or avoidances. Jacobs's performance in the small business subcontracting area has been exceptional, far exceeding the contract goal. Jacobs is dedicated to selecting small business partners and has been

an outstanding mentor to their TOSC teammates and specialty subcontractors. Jacobs has become an integral member of the KSC team, promoting the Center's unique capabilities and expertise to others within NASA, other agencies, and commercial entities.

#### **Describe your company's support of small business.**

Outreach activities supported include:

- KSC Expo: Women-Owned Small Business (WOSB), Port Canaveral
- NASA Industry Forum (NIF), Washington, DC
- Small Business Liaison Office (SBLO) Roles and Responsibilities Training for Primes
- North Florida 8(a) Annual Conference, Daytona Beach, Florida
- NASA Small Business Week
- NASA Training for Primes by Patricia Simpson of the Small Business Development Council/University of Central Florida
- NASA Mentor-Protégé training provided by the NASA Small Business Office at KSC
- NASA's HUBZone Industry Day, Debus Center, KSC
- NASA Central Industry Assistance Office (CIAO) Joint Counseling Sessions and KSC Prime Board meetings
- Subcontract Showcase at the KSC Prime Board Meeting (Crossworks Technologies)

#### **Describe your company's future.**

Jacobs will continue to play a prominent role in enhancing KSC's image as the world's preeminent launch complex for Government and commercial space access, providing overall management and implementation of ground systems capabilities, flight hardware processing, and launch operations through September 30, 2022, if all options are met.

We are proud to play a critical role in supporting NASA as KSC transforms into a multiuser spaceport and prepares for the Space Launch System's historic journey to Mars.

Steven J. Demetriou, Jacobs President and CEO  
Andrew M. Allen, TOSC Vice President and General Manager  
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# Jet Propulsion Laboratory (JPL)

## NASA Management Office



### **Describe your company.**

The Jet Propulsion Laboratory (JPL) is a Federally funded research and development Center staffed and managed for NASA by the California Institute of Technology. JPL created America's first satellite, sent spacecraft to all of the planets in the solar system, and is responsible for all of the rovers that have operated on the surface of Mars. In addition to planetary exploration, JPL has active programs in Earth science and space-based astronomy and conducts technology development to solve national needs. The laboratory also manages NASA's Deep Space Network, which uses complexes on three continents to communicate with a host of spacecraft in deep space.

### **Describe what service or support you provide to NASA.**

JPL's primary mission is to support the NASA Science Mission Directorate (SMD) in carrying out the specific objectives identified in the SMD Science Plan. The four broad scientific areas to be addressed, which coincide with the 2011 NASA Strategic Plan science sub-goals are: Earth science, planetary science, heliophysics, and astrophysics. To achieve its primary mission, JPL maintains its position as the unchallenged leader in deep-space and Earth-related scientific exploration by continually developing and maintaining the technical skills and infrastructure necessary to carry out such unprecedented scientific endeavors while making every effort to contain costs.

### **Describe why your company won this award.**

JPL is the leading U.S. center for robotic exploration of the solar system and has 19 spacecraft and 10 major instruments carrying missions. The Mars Science Laboratory mission's Curiosity Rover, the most technologically advanced rover ever built, landed in the Mars Gale Crater the evening of August 5, 2012, using a series of complicated landing maneuvers that had never before been attempted. The ISS-RapidScat instrument is a speedy and cost-effective replacement

for NASA's QuikScat Earth satellite, which monitored ocean winds to provide essential measurements used in weather predictions, including hurricane monitoring. The Juno spacecraft, on its way to Jupiter, will for the first time peer below Jupiter's dense clouds to answer questions about the gas giant and the origins of our solar system.

### **Describe your company's support of small business.**

JPL hosted the 19th annual Science Forum and Supplier Fair and the 18th annual Small Business Round Table. Highlights of other JPL-supported events include the NASA Marshall Prime Contractors Supplier Council meeting, the City of Pasadena Business Matchmaking, the Department of Defense Western Regional Council Training, the Pasadena City College Southern California Small Business Week Conference, and the Elite Service-Disabled Veteran and Small Business National Conference. Prominent FY 2015 small business set-asides, which were subcontract re-competes, included the Multi-Divisional Engineering, Design, Analysis Lab-wide Support (MEDALS) to Sierra Lobo, Inc., Zin Technologies, and Millennium Engineering, Inc. for \$50 million and Temporary Technical and Personnel Support (TTAPS) to Columbus Technologies for \$19 million.

### **Describe your company's future.**

JPL is known for its unparalleled research and exploration of our solar system, where accomplishments have built on unmatched capabilities and relationships with NASA to continue a legacy of exploration and achievement. JPL is proud of its history and accomplishments and looks forward to a continued partnership with NASA to:

- explore planetary systems—both our own and others nearby
- understand the origins and evolution of the universe
- search for life beyond Earth
- understand our planet and help protect its environment by making critical measurements
- address challenges of national significance by applying unique JPL talent
- support the human expansion into deep space by using JPL robotic capabilities
- inspire the next generation of explorers, scientists, and engineers

Dr. Charles Elachi, Laboratory Director  
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# Lockheed Martin Corporation

## Stennis Space Center



### Describe your company.

Lockheed Martin Information Systems & Global Solutions (IS&GS) is headquartered in Gaithersburg, MD, and comprised of 26,000 highly skilled professionals bringing together the full range of the corporation's information competencies in information technology solutions, management services, and advanced technology expertise. IS&GS is a leading Federal services and information technology contractor with a strong heritage of delivering world-class solutions and advanced technology across a broad spectrum of civil and defense domains.

### Describe what service or support you provide to NASA.

In 2015, IS&GS continued its outstanding support of the Test Operations Contract (TOC) at the Stennis Space Center (SSC) facility and oversaw the Cargo Mission Contract and Facilities Development Operations Contract. Lockheed Martin's award fee scores on these contracts show its continued outstanding support across NASA's enterprise.

### Describe why your company won this award.

IS&GS is committed to the growth and development of small, diverse businesses. Our program management team recognizes that small business concerns are a critical national resource and are essential to their ability to successfully deliver products and services that meet the needs of the NASA community the first time, every time. On the Test Operations Contract at SSC, IS&GS employs a highly qualified group of small business subcontractors as part of the team to include Diversitech, Inc., a Woman-Owned, Small Disadvantaged Business; GHG Corporation, a Service-Disabled, Veteran-Owned Small Disadvantaged Business; and Camgian Microsystems, a HUBZone Small Business.

### Describe your company's support of small business.

IS&GS exceeded its small business subcontracting goals (percentage of total contract value) on NASA Programs in 2015. IS&GS is an active member of the Mississippi Enterprise for Technology (MSET) and Partners for Stennis (PFS). In 2015, IS&GS participated in the NASA SSC Service-Disabled Veteran-Owned Small Business Industry Day event at the INFINITY Science Center; multiple NASA/JSC Prime Contractors Roundtable and Joint Counseling Sessions; the NCMA Space City Houston Small Business Expo; and quarterly Small Business Consortium meetings.

### Describe your company's future.

IS&GS will continue to focus its efforts on developing small businesses that support our aim of providing the most robust services and product offerings to NASA Centers across the United States. The mentoring of suppliers that meet multiple small business socioeconomic categories remains our top priority.

Sondra Barbour, Executive Vice President

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FY 2015 CENTER-LEVEL WINNERS

# MENTOR-PROTÉGÉ AGREEMENTS OF THE YEAR



## Honeywell Technology Solutions Inc. (Mentor)

### Goddard Space Flight Center

# Honeywell



#### **Describe your company.**

Honeywell Technology Solutions, Inc. (HTSI) is a diverse leader in professional and technical services, offering world-class competencies in management, defense, and space operation; engineering and development services logistics; information technology, security, and testing; and calibration.

For more than half a century, HTSI has provided outstanding professional and technical services in support of critical missions worldwide. Our lineage dates to the 1950s as Bendix Field Engineering Corporation. Today, HTSI is a wholly owned subsidiary of Honeywell and is the company's largest provider of professional services.

#### **Describe what service or support you provide to NASA.**

HTSI provides a diverse set of specialized engineering and assurance professional services to NASA through several contract vehicles. HTST and its small business partners provide global, on-demand resources that permit NASA to deploy focused resources only when and where needed. HTSI provides NASA with safety and mission assurance, risk management, risk analysis, quality and software assurance, and training and outreach services. HTSI has provided engineering support to prelaunch missions to prepare them for launch and operations, including critical integration and testing support for multiple missions. Additional HTSI engineering teams provided support to the sustaining, maintenance, and re-engineering of the critical hardware, software, and network ground system components.

#### **Describe why your company won this award.**

HTSI and Associates in Manpower Management, Inc. (AIMM) have enjoyed a unique Mentor-Protégé partnership since 2010 and have cultivated a relationship that has been beneficial to both companies and to NASA. What began as a small collaboration with a single employee has grown into a multidisciplinary team of employees with a larger role

in the core capabilities of television production and multimedia support, but also with skills in Earth science satellite missions operations.

We believe that our performance exemplifies the goal of NASA's Mentor-Protégé Program, encouraging prime contractors to assist protégés, enhancing the protégé's capabilities, fostering the establishment of long-term business relationships, and increasing the overall number of entities that receive contract and subcontract awards.

#### **Describe your company's support of small business.**

HTSI is committed to mentoring socially and economically disadvantaged small firms to enhance their technical and business capabilities. HTSI offers a vast amount of expertise and capabilities that will help these firms develop their business to achieve sustained growth and success. These efforts have increased work share on various programs and are providing small businesses with a path to expand their technical credentials and to enhance their capabilities to perform as a prime contractor, subcontractor, or supplier under Government and commercial contracts. HTSI is an approved, active mentor in both NASA and Department of Defense Mentor-Protégé programs.

#### **Describe your company's future.**

HTSI will continue to support the unique talents of the small business community in our efforts to foster a successful long-term partnership with the NASA community. Through our successful Mentor-Protégé relationships, we will develop the next generation of small business providers to help carry out missions that transform NASA's knowledge of Earth and space.

Les Cunningham, President, HTSI

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## Advocates in Manpower Management (AIMM), Inc. (Protégé)

Goddard Space Flight Center



### **Describe your company.**

AIMM was founded in 1994 by Richard Porter as a multimedia consulting firm serving the commercial publishing marketplace. In 2004, AIMM expanded into the Federal marketplace. AIMM's first Federal prime contract was with the Department of Homeland Security (DHS), providing operations and engineering for PrepNET, the television studio at the National Fire Academy in Emmitsburg, MD. That same year, AIMM also began subcontracting with NASA, supplying project management for the Space Network Extension ground station in Guam. AIMM has steadily grown its NASA work, expanding into television production and engineering, mission flight operations, satellite data capture, and systems engineering. AIMM is currently working on the Ground Systems and Mission Operations contract under the NASA Mentor-Protégé Program as a subcontractor to HTSI.

### **Describe what service or support you provide to NASA.**

In FY 2015, AIMM verified the operational readiness of the Wallops Flight Facility high definition television studio. AIMM supported the design, construction, and testing of the facility since the project's beginning 4 years earlier. The studio is now an integral part of NASA's national television production activity. Other FY 2015 projects included "on the ice" support for Project Icebridge in Greenland, which consisted of extended tours of duty for producers and videographers to document the physics of glacial melt as it encountered open seawater. AIMM also provided direct continuous flight operations coverage for the successful Tropical Rainfall Measuring Mission (TRMM) satellite end of mission and re-entry.

Ongoing activities from FY 2015 include video production support for the James Webb Space Telescope mission scheduled for launch in 2018.

### **Describe why your company won this award.**

From its inception, AIMM has committed itself to a virtual corporate office workplace, thereby significantly reducing its indirect

burdens. In the modern technological world, all classic back office functions can be performed remotely, and AIMM's corporate operations are conducted at various geographical sites, primarily in Florida and Maryland. New virtual offices can be established overnight to satisfy customer requirements. This approach is predicated on direct labor that is located on customer sites, and surge requirements are met through a stable of freelance workers who do not require off-site corporate office resources.

AIMM also benefits from the extraordinary support of our mentor, HTSI, who opens career advancement opportunities from within its own workplace to AIMM candidates.

### **Describe your company's support of small business.**

AIMM has participated in numerous small business conferences, including the National Veterans Conference, the National 8(a) Conference, and the Government Procurement Conference. Richard Porter has been a spokesperson on Veteran Small Business panels sponsored by the Palm Beach County (Florida) Pre-Engineering Technology Advisory Council (PETAC) and currently serves on the Palm Beach County Community College Small Business Advisory board. In June 2013, Porter was chosen to serve on the Board of Directors of Urban Youth Impact, an after-school program for underprivileged youth and their guardians in Palm Beach County. In June 2015, he was appointed a co-chairperson. In July 2015, AIMM was honored with the 2015 Everyday Hero Award for its contribution as a small business in service to the local community.

### **Describe your company's future.**

AIMM plans to continue its support to NASA in television production and engineering, mission flight operations, and satellite data capture. AIMM is actively developing technical and business managers who will become the future company leaders. AIMM intends to build on its experience with other Federal agencies such as DHS to expand beyond its current NASA work, but its focus now and for the foreseeable future will remain support to NASA and its mission. AIMM seeks to be the employer of choice and supplier of preference in the Federal services marketplace. We advocate a workplace that values honesty, industry, and applied imagination. We seek fair and smart customers with whom we can partner for mutual benefit.

Richard P. Porter, President and CEO  
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## Teledyne Brown Engineering, Inc. (Mentor)

Marshall Space Flight Center



### Describe your company.

Teledyne Brown Engineering, Inc. (TBE) is an industry leader in engineered systems and advanced manufacturing, with operations in the United States and the United Kingdom. Our commitment to excellence, the highest standards of quality, and unsurpassed customer satisfaction make Teledyne Brown a name synonymous with success. We support the entire life cycle, from full-spectrum systems engineering, integration, and manufacturing to sustainment and recapitalization. We can take your concept and bring it to life. That's why we say, "If you can think it, we can build it". We provide high-quality technical services, manufactured products, and engineered systems to our customers in the marine, aviation, space, missile defense, energy, and environment markets. Learn more about TBE at <http://www.tbe.com>.

### Describe what service or support you provide to NASA.

TBE offers unsurpassed expertise in the entire payload operations and integration process. The company proudly supported NASA's International Space Station (ISS) Program Office with integration and operations product development for over 250 payload developers in 2015. In FY 2015, TBE provided well over 8,600 continuous hours of real-time science operations support to ISS, including planning and training for multiple flight controllers and astronauts. In 2015, we also made significant contributions to the Revolutionize ISS for Science and Exploration (RISE) efforts by helping to streamline processes for research utilization aboard ISS. TBE also provided technical expertise for the hardware/software product during all phases of development for the Microgravity Science Glovebox and Research Rack.

### Describe why your company won this award.

TBE is a recognized ISS implementation partner, providing a wide range of products and services and demonstrated experience with space-based support. We were selected to build space hardware due to our

shortened commercialized template approach. As an implementation partner, we have utilized several Mentor-Protégé Agreements to provide necessary growth to the MSFC contractor base while developing our future workforce. TBE is adapting current COTS Biotechnology hardware/software for use in the ISS and future manned environments using the ISS as a test bed. Since NASA's Payload Operations Integration Center became operational in February 2001, we have provided well over 100,000 continuous hours of real-time science operations support to the ISS community.

### Describe your company's support of small business.

TBE is strongly committed to including small businesses in our Mission Operations and Integration (MO&I) Program. Our program provides small businesses the opportunity to join us as we help them to expand their experience and roles in support of MSFC and NASA Office of Small Business Program goals and objectives. TBE completed the first NASA Mentor-Protégé Agreement (MPA) with Martin Federal, a Service-Disabled Veteran-Owned Small Business, and recently entered into a NASA MPA with Alabama State University (ASU) and the University of Nevada, Las Vegas (UNLV). The MPA with UNLV is the first agreement between NASA and a Minority-Serving Institution. The TBE Small Business Liaison supports the Marshall Prime Contractor Supplier Council, Industry Forums, and Small Business Outreach.

### Describe your company's future.

TBE has supported essentially every major U.S. space initiative, beginning with Jupiter and extending through the Space Shuttle, ISS, and Constellation programs. We are the primary contractor supporting NASA's critical payload operations integration function as well as ongoing microgravity research and development efforts. Today, we're expanding the commercial side of our space business with the Multi-User System for Earth Sensing (MUSES), an Earth-observation platform that will be installed on the exterior of the ISS and simultaneously support up to four remote sensing instruments or other payloads. We will continue to foster strategic relationships with small businesses to promote opportunities and growth that support the NASA mission.

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## MartinFederal Consulting, LLC (Protégé)

### Marshall Space Flight Center



#### **Describe your company.**

MartinFederal has transitioned from a one-person, start-up in rural Alabama to a small, vibrant business of choice with multiple locations throughout the South. We have continued to grow our contract portfolio, and we attribute this success to our seasoned management personnel; strong internal policies and procedures; and our expert, certified staff of consultants. MartinFederal provides highly competitive pricing with cutting-edge solutions through the collective use of our experts' knowledge, skills, and abilities in research and development, science, and technology. We help the Government achieve its mission by providing support within our four established lines of business: cyber and systems security, enterprise and information technology support, intelligence services, and programmatic.

#### **Describe what service or support you provide to NASA.**

MartinFederal is an SBA Certified 8(a) Small Disadvantaged Business and Center for Veterans Enterprise (CVE)-verified Service-Disabled Veteran-Owned (SDVOSB) that supports the Mission Operations and Integration Contract at Marshall Space Flight Center (MSFC). Our personnel are experts who develop, schedule, and monitor pre- and post-mission operations. MartinFederal's personnel are cross-trained and certified as Operations Leads, Payload Communicators (PAYCOM), Sim Data Managers, Stowage Operators, Planning, Activities Requirements Coordinators, Data Management Coordinators, and Payload Display Review Team Members. Our employees have been involved in developing mobile applications for use on the International Space Station and facilitating the Microgravity Science Glovebox.

#### **Describe why your company won this award.**

MartinFederal prides itself on the three Rs: responsibility, reliability, and resilience, and has become a small business that makes a big difference. With established goals that are obtainable through dedicated people and hard work, MartinFederal has positioned itself with a winning attitude and a second-to-none work ethic. Our employees made this award possible by going above and beyond the scope to get the job done and get it done right the first time. Working closely with Teledyne Brown Engineering, a company highly regarded in the aerospace community, has made MartinFederal strive for excellence in an attainable fashion, and we look forward to continued support of our current and future endeavors.

#### **Describe your company's support of small business.**

MartinFederal actively supports the Small Business community through participation in industry forums, community of interest events, and our business development activity. We are active with Auburn University's Cyber Initiative through faculty collaboration and education, training, and workforce development outreach. We are a close partner of the Small Business Administration, where we are active in building teams of small businesses in pursuit of Government contracts.

#### **Describe your company's future.**

With the ever-changing strategies within the Government, MartinFederal has stayed true to its roots by focusing on small business opportunities while supporting its current customers. We will continue to strive for excellence and build upon the lessons learned from each project/program MartinFederal currently supports and apply that knowledge to meet future customer needs. In a changing world of technology, it is vital to stay current and focused. MartinFederal has evolved and put in place training activities so employees can learn and grow. We will continue to improve processes and provide materials that are up to date with industry standards. MartinFederal will focus on Government-based opportunities and continue to grow through hard work and dedication.

Corey Martin, CEO  
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# **FY 2014–2008 SBIA WINNERS**



## FY 2014

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Media Fusion, Inc.	AFRC
Deltha-Critique NSS Joint Venture	ARC
Vantage Partners, LLC	GRC
Science Systems and Applications, Inc.	GSFC
Dynamic Systems, Inc.	JPL
TISTA Science and Technology Corporation	JSC
a.i. solutions, Inc. <b>(Agency-Level Winner)</b>	KSC
NorthWest Research Associates, Inc.	LaRC
COLSA Corporation	MSFC
A2Research, Joint Venture	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	CENTER
ClancyJG International	AFRC
ELORET Corporation	ARC
INNOVIM, LLC	GSFC
Rayotek Scientific, Inc.	JSC
Craig Technologies	KSC
Advanced Aerospace Solutions, LLC <b>(Agency-Level Winner)</b>	LaRC
Aerodyne Industries, LLC	MSFC
MindPoint Group, LLC	NSSC
Technological Services Company	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Jacobs Technology, Inc.	AFRC
Booz Allen Hamilton, Inc.	ARC
Leidos, Inc.	GRC
Raytheon Technical Services Company, LLC <b>(Agency-Level Winner)</b>	GSFC
ManTech SRS Technologies, Inc.	JPL
Lockheed Martin Space Systems Company	JSC
InoMedic Health Applications, Inc.	KSC
Engility Corporation	LaRC
Jacobs Technology, Inc.	MSFC
Science Applications International Corporation	NSSC
Harry Pepper & Associates, Inc., an EMCOR Company	SSC



## FY 2013

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Arcata Associates, Inc.	AFRC*
Logyx, LLC	ARC
DB Consulting Group, Inc.	GRC
Bandwidth Solutions, Inc.	GSFC
Valador, Inc.	HQ
John T. Chan Architects, Inc.	JPL
Tejas Office Products, Inc.	JSC
Yang Enterprises, Inc.	KSC
Science Systems and Applications, Inc.	LaRC
Dynetics Technical Services, Inc.	MSFC
Brandan Enterprises, Inc.	NSSC
Healtheon, Inc. (Agency-Level Winner)	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	CENTER
INQU, LLC	AFRC
Quality Assurance & Risk Management Services, Inc.	GRC
Rincon Research Corporation	GSFC
Houston Precision Fasteners (Agency-Level Winner)	JSC
Abacus Technology Corporation	KSC
Analytical Services & Materials, Inc.	LaRC
Plasma Processes, LLC	MSFC
Craig Technologies	NSSC
CORE Governmental Services, LLC	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Jacobs Technology, Inc.	AFRC
Stinger Ghaffarian Technologies, Inc.	ARC
Honeywell Technology Solutions, Inc. (Agency-Level Winner)	GRC
TRAX International	GSFC
Lockheed Martin Corporation	JPL
Wyle	JSC
URS Federal Services, Inc.	KSC
Jacobs Technology, Inc.	LaRC
Teledyne Brown Engineering, Inc.	MSFC
Jacobs Technology, Inc.	SSC

\* Prior to 2014, Armstrong Flight Research Center was called Dryden Flight Research Center.

## FY 2012

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Kay and Associates, Inc.	AFRC*
Sunpower, Inc.	GRC
LJT & Associates, Inc.	GSFC
Honeybee Robotics Spacecraft Mechanisms Corporation	JPL
GeoControl Systems, Inc.	JSC
Millennium Engineering and Integration Company	KSC
Safety & Quality Assurance Alliance	LaRC
Bastion Technologies, Inc.	MSFC
A2 Research <b>(Agency-Level Winner)</b>	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	CENTER
Modern Technology Solutions, Inc.	AFRC
Bay Systems Consulting, Inc.	ARC
Tri Models, Inc. <b>(Agency-Level Winner)</b>	GRC
Edge Space Systems, Inc.	GSFC
SEAKR Engineering, Inc.	JSC
CSS-Dynamac Corporation	KSC
Sierra Lobo, Inc.	LaRC
Bangham Engineering, Inc.	MSFC
Tri Star Engineering, Inc.	NSSC
GHG Corporation	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Jacobs TYBRIN Group	AFRC
Ball Aerospace & Technologies Corporation	ARC
Jacobs Technology, Inc.	GRC
Honeywell Technology Solutions, Inc.	GSFC
EMCOR Government Services, Inc.	JPL
Lockheed Martin Corporation	JSC
The Boeing Company	KSC
Pratt & Whitney Rocketdyne, Inc. <b>(Agency-Level Winner)</b>	MSFC
CSC	NSSC
Lockheed Martin Corporation	SSC

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## FY 2011

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Arcata Associates, Inc. <b>(Agency-Level Winner)</b>	AFRC*
Logyx, LLC	ARC
Sierra Lobo, Inc.	GRC
Genesis Engineering Solutions, Inc.	GSFC
MORI Associates, Inc.	HQ
The Terraza Design Group, Inc.	JPL
DB Consulting Group, Inc.	JSC
Abacus Technology Corporation	KSC
Analytical Mechanics Associates, Inc.	LaRC
Aetos Systems, Inc.	MSFC
Paragon Business Solutions, Inc.	NSSC
Patriot Technologies, LLC	SSC
SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	CENTER
Dennis Heathcock Consulting	AFRC
Systems Electric	ARC
ZIN Technologies, Inc.	GRC
Odyssey Space Research, LLC	JSC
All Points Logistics, Inc. <b>(Agency-Level Winner)</b>	KSC
Lansmont Corporation	MSFC
SaiTech, Inc.	NSSC
LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Jacobs Technology, Inc./TYBRIN	AFRC
AECOM Technical Services, Inc.	ARC
Aerojet-General Corporation	GRC
The Raytheon Company	JPL
United Space Alliance	JSC
Science Applications International Corporation	MSFC
Jacobs/Facility Operating Services Contract <b>(Agency-Level Winner)</b>	SSC

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## FY 2010

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Arcata Associates, Inc.	AFRC*
Dynamac Corporation, Inc.	ARC
Mainthia Technologies, Inc.	GRC
a.i. solutions, Inc. (Agency-Level Winner)	GSFC
Media Fusion, Inc.	GSFC/HQ
Akima Infrastructure Services, LLC	JSC
ReDe/Critique, Joint Venture	KSC
Analytical Mechanics Associates, Inc.	LaRC
COLSA Corporation	MSFC
Patriot Technologies, LLC	SSC
SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	CENTER
ARES Corporation	AFRC
Asani Solutions, LLC	ARC
ZIN Technologies, Inc.	GRC
ATA Engineering, Inc.	JPL
Fiber Materials, Inc. (Agency-Level Winner)	JSC
MIL-CON Electric Company	KSC
ViGYAN, Inc.	LaRC
Southern California Braiding Company, Inc.	MSFC
AI Signal Research, Inc.	NSSC
Comprehensive Occupational Resources, LLC	SSC
LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Jacobs Technology/TYBRIN	AFRC
Stinger Ghaffarian Technologies, Inc.	ARC
Universities Space Research Association	GRC
ITT Systems, Inc.	JPL
The Boeing Company (JSC)	JSC
The Boeing Company (KSC) (Agency-Level Winner)	KSC
Jacobs Technology, Inc.	LaRC
Pratt & Whitney Rocketdyne, Inc.	MSFC
Jacobs Engineering Group, Inc.	SSC

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## FY 2009

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
TYBRIN Corporation ( <b>Agency-Level Winner</b> )	AFRC*
Tessada & Associates, Inc.	ARC
Sierra Lobo, Inc.	GRC
Rodriguez Precision Optics, Inc.	GSFC
ProDyn/EPES, LLC	JSC
Abacus Technology Corporation	KSC
Science Systems and Applications, Inc. (SSAI)	LaRC
SEI Group, Inc.	MSFC
Applied Geo Technologies	SSC
SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	CENTER
MSM Group, Inc.	GRC
Columbus Technologies & Services, Inc.	JPL
Deep Space Systems, Inc. ( <b>Agency-Level Winner</b> )	JSC
Creative Management Technology	KSC
Compass Contracting, Inc.	LaRC
Orion Propulsion, Inc.	MSFC
ASRC Management Services	NSSC
LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Jacobs Technology, Inc.	ARC
Computer Sciences Corporation	JPL
United Space Alliance, LLC	JSC
Analex Corporation	KSC
ATK Launch Systems ( <b>Agency-Level Winner</b> )	MSFC
Computer Sciences Corporation	SSC

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## FY 2008

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Arcata Associates, Inc. <b>(Agency-Level Winner)</b>	AFRC*
Integrated Science Solutions, Inc.	ARC
Efficient Enterprise Engineering, Inc. (Ex3)	GRC
SP Systems, Inc.	GSFC
Tessada & Associates, Inc.	JSC
ASRC Aerospace Corporation	KSC
Science and Technology Corporation	LaRC
COLSA Corporation	MSFC
Applied Geo Technologies	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	CENTER
Intrinsyx Technologies Corporation	ARC
N & R Engineering and Management Services, Inc.	GRC
Santa Barbara Applied Research, Inc. <b>(Agency-Level Winner)</b>	JPL
JES Tech	JSC
Yang Enterprises, Inc.	KSC
Genex Systems, LLC	LaRC
Votaw Precision Technologies	MSFC
Arcata Associates, Inc.	NSSC
SaiTech, Inc.	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	CENTER
Science Applications International Corporation	AFRC
Raytheon Company	ARC
ITT Corporation	JPL
Lockheed Martin Services, Inc.	JSC
Boeing Space Operations Company	KSC
Unisys Corporation	LaRC
The Boeing Company <b>(Agency-Level Winner)</b>	MSFC

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